

# Vhf-Uhf DIGEST

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MARCH 1992





# ANARC UPDATE

ANARC GETS GOING AGAIN

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The reorganization of ANARC has begun. Several new committees have been formed. Constitutional changes have been proposed. And there are plans in the works to revive the ANARC Newsletter.

ANARC has several committees that are active in promoting our hobby. One committee sponsors a computer bulletin board service. This BBS lists club activities and DX catches. The Ham Net committee sponsors a DX tips Ham Net on 7240 kHz. The Committee to Preserve Radio Verifications collects QSL collections donated by former DX'ers. The collection now has about 25,000 verifications covering all areas of the radio hobby. Each month, the committee publishes a one page article featuring photographs of several interesting cards from the 1920's, 30's or 40's. And you can register your QSL collection with the committee.

A new committee has been formed to handle the political aspect of the hobby. This is the Governmental Affairs committee. It is being headed by ANARC's attorney, Frank Terranella. He can be contacted by writing to him at 106 Cathay Rd., Clifton, NJ 07013. This committee is looking for volunteers in the Washington DC area.

## Letters

I got a couple of letters after my last article. The first letter I received was from Dan Cashin in Havertown PA. He reminded me of the NASWA SWL Winterfest. ANARC is a prime sponsor of this event. The Winterfest will take place during the weekend of March 13 to 15 at the Holiday Inn in Kulpsville PA (near Valley Forge). This worthwhile event will cover all aspects of DXing. Scheduled seminars include DX'ing on other continents, Travel DX, and MW DX tips. If you're in the area, stop into the only DX event of the winter.

My second letter was from ETV DX Columnist Bill Nienajadly. Besides reminding me to send my logging reports to him, he asked if ANARC was involved in an issue that he was involved in. The FCC has proposed a ban on all radios and scanners that can receive or be modified to receive cellular telephone frequencies. And several localities have proposed to go further by banning scanners completely. Bill states that the State of New Jersey has a law that bans mobile monitoring of the Police and Fire frequencies. Ham radio operators are not exempt and one can be prosecuted for having the radio in the trunk of the car.

ANARC's position is to oppose any laws that hamper our liberty to listen to any part of the radio spectrum. Due to ANARC's reorganization, ANARC has been inactive in dealing with political issues. With the formation of the Governmental Affairs committee, ANARC will again represent us in Washington.

I'd like to thank Dan and Bill for writing. I am interested in hearing your opinion on ANARC, and about issues that affect our hobby. My address is 15 Berry Ln., Hicksville, NY 11801.

## SPRACHMAN'S CORNER - New Editions of TV Guide in New York

Bill Nienajadly alerted me to the new editions of TV Guide covering New York City. He sent me a copy of the "channel page" of the Brooklyn-Queens edition. This edition covers the New York City Broadcasting stations and the cable channels of the BQ Cable system. Manhattan has its own edition covering Manhattan Cable.

Do any other areas have TV Guide editions that cover a specific cable company and are available on the newsstand? Several areas of Eastern PA are covered by a single magazine called TV HOST. This magazine covers several stations not listed in the regular edition of TV Guide.

I've added another DX show on Shortwave radio called Signals to my list of weekly must listen to. The show is broadcast over WWCR Nashville TN on UTC Sunday at 03:35 on 7435 kHz and 1500 on 15690 kHz. This show differs from other DX shows. The show is divided into specific segments that appear each week at approximately the same time each week. The segments cover scanners, pirate and utility stations, satellites, the "M Street Report" featuring happenings at AM and FM stations, and a comedy segment based on the parody bulletin "BLANDX". Added to an hour of Signals at 03:35 is a leadoff half hour of "Glenn Hauser's World of Radio". The two shows compliment each other. My only complaint about "Signals", no segments dealing with TV DX.

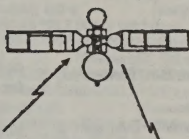
New York Media News- WHAI-43 Bridgeport CT has been off the air for over 9 months. The proposed FM stations on the East End of Long Island have not come on the air, and may never make it to the air.

Well, that's it for this month,

73's

Steven

# SATELLITE NEWS



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Another brief column of odds and ends.

First some information from Ronald Purdue - Byron, Minn.:  
This week, I have noticed that there is increased activity on Spacenet 4. I have seen a couple of hockey and religious feeds on it so far. This could be, in fact, several feeds on Westar 5 that are migrating over to this bird when Westar 5 retires for good in April. As stated a couple of months ago in the VUD, the purchase of the Monterey 50 IRD will be in late March or early April as it now stands. I am planning to purchase the programming through the National Program Service due best price. (Thanks to an ad in OnSat magazine).

Later into the summer, I plan to subscribe to Showtime and TNT through Skyvision Programming center. I am now getting very enthusiastic to acquire that IRD, I will trade in the Uniden UST-5500 through Skyvision.  
See you in 30.

My apologies to Ronald as I have misspelled his name in several of the VUDs. It is now correct.

In looking at the current changes lets look first at Spacenet 4 which Ronald mentions.

Spacenet 4 - XPDR 9 - 3 Angels has now located here from Spacenet 2 where they were briefly after leaving Spacenet 1. The ID card is now sporadic on XPDR 6.

Encore has now abandoned both F3 and C1 and now is on Galaxy 3 XPDR 1.

The Vacation Network is now on C1 XPDR 15.

Las Vegas Television Net is currently promoting on Galaxy 6 XPDR 23 (formerly Westar 4)

On Spacenet 2 XPDR 7 - Mainstreet TV - a few hours in the evenings with basically oldies television.

Action Pay-Per-View is now on F4 XPDR 2 from Spacenet 3

Something called Be-TV had an ID on Galaxy 6 XPDR 23 recently - nothing noted since.

WRAL---Raleigh, North Carolina replaces WBBM Chicago of the Prime Time 24 line-up on Satcom 2 XPDR 2.

As reported earlier, but I'll mention it again -

The Airport Channel and the Check-Out Channel, both CNN news services are to be found on G-Star 4

Superior Livestock Auction and others are to be found on Galaxy 6 various transponders.

Galaxy 5 which is to replace Westar 5 was due to be launched on February 27. If all goes well there will be many moves beginning in late Spring.

That's all from this end - see you in 30.

*George*





# FM NEWS

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Contributions earnestly solicited!

## "Lame Stations" Revisited, Andy's Phase Box Reviewed, Filters' Update

Stephen West, who has rejoined the WTFDA, sent a Family Stations directory, and he reported that WKSZ 100.3 Media PA has been surveying people (presumably DXers) about the songs they'd like to hear on radio. "WKSZ was looking into legal action against 'Star 104.5' for showing TV commercials that said Kiss played kid songs like Barry Manilow. . . Kiss is playing only upbeat songs now, a mixture of oldies and recent songs. What is all this stuff about lame stations? Can you list specific artists and songs that are in this category? Can a lame station ever play a good song? Can a station be semi-lame? Do you list these stations in your FM Atlas with a format abbreviation of L?" [Buy an FM Atlas at \$12 and find out!] "WPRB [103.3 Princeton NJ] had a power increase because they claim they now cover Philly and Wilmington, which they do! Since the fall I have not heard Warm 103 in York because WPRB is too strong. WRTI 90.1 reception is rough near Wilmington DE due to interference from 89.9" [WOEL Elkton MD], and West wonders if they plan a Wilmington translator. "Should a car antenna be vertical for best reception? My Honda has a car antenna at a 45° angle. [An antenna at a 45° angle should work fine, since most FM stations use circular polarization; and in the rare case of a station with either horizontal only or vertical only polarization, it should intercept those as well.]

Rich Shaftan sent a clipping on a local board approving a site for an FM for WRNJ AM Hackettstown NJ; no announcement of frequency or actual city of license, and no FCC cp has been issued.

Ordering two FM Atlases (atlat?) was Frank Merrill: "Here's hoping that this time I actually use the second copy for posting my DX into. A big project and often I've bought two copies intending to do that and it doesn't get done. . . Though I did hear Vicksburg 106.7 (from Macomb IL) during the Jan. 4 biggie, it was only by default, with the signal allowed to come through only due to the exceedingly vacant frequency; it was barely there."

"Here is a somewhat belated letter to let you know that the Superadio I had you modify with the 110-kHz filter is just fantastic with my 'ground zero' superlocals," writes Harry J. Hayes. "The set gives me many more open channels now which is what I need with locals and semi-locals coming on the air here what seems every few weeks. As an example, I enjoy crystal-clear reception of WKGB 92.5 Susquehanna PA, which is sandwiched between two superlocals. Also, I can receive Norwich NY 93.9 right next to my local 93.7 and 98.1 from Binghamton right next to semi-strong WWSH 97.9 Hazleton. I will be looking forward to the skip season. The new 95.7 in Olyphant is on and strong with calls WZZV, this right next to the Benton station on 95.9 with the calls WZZC, both carrying the same rock satellite programming." [But is WZZV stereo?] "Both are now easily separable on the modified set; they were

not before. . . These two should be nice and confusing for someone getting them on skip."

Bill Nienajadly: "If a tuner has an MPX jack, can one hook up an SCAadapter without internal connections?" [Yes, absolutely--the same for tuners having a horizontal oscilloscope output jack--b.e.] "I received my phase box from Andy Bolin. . . The phase box is worth \$145, and every serious FM DXer should get one! Can't wait for a tropo opening! I think others will buy the FM phaser. I had two WTFDAers over recently; they were very impressed that the phase box and phasing system dug out WSUL 98.3 Monticello NY and Danbury CT 98.3 despite very local-like WKJY Hempstead NY and semi-local WMGQ New Brunswick NJ, both 98.3; \$145 is a lot cheaper than another tuner/receiver if one puts it that way. . . The best way for great results is with stable groundwave or tropo signals where signal levels don't change much. Summary: The station you want to eliminate should be stable; it does not matter if the desired is fadey and weak; you can aim both antennas to desired station and still null the offending one, if they are at least some distance away; sometimes it is better to aim one antenna at the offending station and one at the desired station; the phase box/phasing setup works so that you can also increase the signal of a weak, fadey semi local in the opposite way of nulling it! Turn a knob; station comes in better. Turn a knob a bit more and phase it out. Real neat! Nulls on locals can be achieved to a small extent. If you aim away from them look at the 'S' meter and carefully listen for some 'hiss' by tweaking this and that. It is possible to knock down a local 10 dB or as much as 35 dB. Again, phasing is not a cure-all, but a major development in FM DXing! As important, if not more so, than the ceramic filters! Andy's phase box is worth \$145!" Finally, Bill contends WPLJ 95.5 New York is more AC than top 40.

Look below, dear reader, for a journey into the last two months' VUDs for the feature "See Also," in which I try to cull what should be pointed out in this column. Due to time constraints last month's column did not present all the FM news you could have read, but it did make my FMedial newsletter.

## See Also Jan., Feb. VUDs For

AL Linden WILN 98.5 k, "Win 98," Pugh, p. 22, J  
AR West Helena KCLT 104.9 T-105, Pugh, p. 30, F  
CO Monte Vista KSLV-FM 95.3 V-95.3, Pugh, p. 21, J  
IL Woodstock WZSR (was WAIT-FM) 105.5 Star 105.5, Strickert, p. 18, J  
IN Frankfort WSHW 99.7 o, Falconer, p. 19, J  
IN Nappanee WLRX 95.7 s, o, ID with Elkhart-Warshaw, Strobel, p. 28, F  
IN Roanoke WDTX 105.1 still off air, Strobel, p. 28, F  
IN Vincennes WVUB "91.1 br, Strickert, p. 19, J  
IA Muscatine KFMH 99.7 must be Nienajadly's nonID, p. 27, F; IA has Hy  
Vee stores  
KY Albany WANY-FM 106.3 k, still mono? Pugh, p. 30, F  
KY Falmouth WIOK 107.5 OK 107.5, Station News, p. 27, F  
KY Glasgow WWWQ 105.3 is most likely "the All New Q-105.3," Solomon, p. 13, J  
KY Middlesboro WMIK-FM 92.7 KY-93 (from "KY-92," Sittel, p. 30, F  
ME Bath WKRH 105.9 with Augusta, apparently no longer IDing with Brunswick-Lewiston, Monroe, p. 15, J  
MI Boyne City WBCM 93.5 Stereo, Falconer, p. 19, J  
MI East Lansing WFMK 99.1 ID with Grand Ledge-Lansing, Nieman, p. 14, J



MI Lansing WLYY 101.7, o, "Y-102," Falconer, p. 19, J [see Voytko, p. 32, J]  
 MN Minneapolis K13UT is off the air now/  
 MS Cleveland WCLD-FM 103.9 s, "Jamm'n" 104," Pugh, p. 30, F [30, F  
 MS Holy Springs WKRA-FM 92.7 o, Pugh, p./  
 MO Trenton KTTN-FM 92.1 k, Pugh, p. 22, J  
 NE Ord KNLV-FM 103.3 k, \$, Hawk, p. 24, F  
 NH Nashua WJCF "88.3 I need to know if it has stereo—Hall, p. 19, J  
 NY Ravena WRVW 94.5 is it stereo? Station News, p. 13, J; Bugaj, p. 23, F  
 NY Sodas WNNR 103.5 rp, Chernos, p. 17, J  
 NC Wilson WAHD "90.5 assumed format bg, Sittel, p. 30, F [p. 30, F  
 OH Cincinnati WUBE-FM 105.1 8-105, Sittel/  
 OH Montpelier WLZZ 104.5 k, ID with Bryan, "Wheels," Station News, p. 27, F  
 OH West Carrollton WRQU 92.1 \$, ID with Dayton, Strobel, p. 27, F  
 PA Allentown WAEB-FM 104.1 r, Station News, p. 13, J [p. 13, J  
 PA Pittsburgh WORD 104.7 g, Station News/  
 SC Greenville WTBI-FM "91.7 \$, Sittel, p. 30, F  
 TN McKinnon WTWL 101.5 o, \$, Pugh, p. 30, F  
 TN Seymour WJBZ 96.3 Stereo, Pugh, p. 22, J  
 TN Knoxville WEMO (I list as such, not "WERQ"), \$, "Q-104," Pugh, p. 22, J; and not "WQBB," not "Powell TN," Sittel, p. 31, F. Don't they give their calls right and know where they are? [lio, p. 29, F  
 VT Burlington WEZF 92.9 rm (not nr), Conig-VA Accomac WEVS 99.3 b, Smolarek, p. 17, J  
 VA Marlin WVTR "91.9 on \$, Sittel, p. 30, F  
 VA Halifax CFRQ 104.9 classic Rock 104 (from "Q-104"), Bugaj, p. 23, F  
 ON Ottawa CHUO (not CFUO) "89.1 \$, Monroe, p. 30, F  
 McVey, p. 38: Nice seeing the Technical Index and knowing I may "achieve immortality on the next index" (J)  
 Yingling, p. 39 (J), note my name is singular, not "Elvings"; nice format on IBM-PC.

### New FM Station, Translator Grants

AZ Lake Havasu City K220DS "91.9 (KNPR 89.5 Las Vegas NV) [Bcstr., Inc.  
 AR Eudora 101.5 3000 h.v.; 100 m, E./  
 AR Harrison K215BR "90.9 (KCMH 91.5 Mountain Home)  
 CA Carmel 95.5 1170 h.v.; 157 m, J&M Bcstrg.  
 CA Copperopolis 105.5 470 h.v.; 254 m  
 CA La Quinta K210BE "89.9 (KECR-FM 93.3 El Cajon) [89.9 Santa Monica)  
 CA Ojai K206AT "89.1 (seeking 102.1; KCRW/  
 CA Rio Dell 107.1 3000 h.v.; 163 m, Douglas C. Turnbull [m, Joernat, Inc.  
 CA Santa Barbara 107.7 710 h.v.; 536/  
 CA Ukiah KZYX-1 "90.7, 50 w (h) booster of Philo station [of Denver station  
 CO Boulder KMJI-1 100.3 250-w booster/  
 FL Baldwin 105.7 3000 h.v.; 100 m, Peaches Bcstrg. Co. [Iodge, Inc.  
 FL Irvine "90.1 4500 h.v.; 198 m, Alka-/FL Punta Rassa 97.7 3000 h.v.; 100 m  
 GA Broxton 103.7 6000 h.v.; 100 m  
 GA Chauncey WQIL 101.3 5000 h.v.; 150 m  
 GA Dalton 104.5 3000 h.v.; 100 m, N. GA R. II  
 GA Gray WWIQ 96.5 6000 h.v.; 100 m, G. Communications, Inc. [Kealakukua)  
 HI Humuila K276DG 103.1 (KAQY 92.1/  
 HI Lahaina K272CT 112.3 (KNUI-FM 99.9 Kahului) [788 m, Eagle Bcstrg.  
 ID Eagle (Boise) 107.9 1100 h.v./[Falls)  
 ID Sun Valley K228DG "93.5 (KBSW 91.7 Twin/  
 IL Macomb W209AL "89.7 (WGCA 88.5 Quincy), 100 w [Moline), 100 w  
 W213AH "90.5 (WOLM-FM "89.3 East/Have fun with these two, Frank M.I.  
 IA Ashbury (Dubuque) 103.3 25000 h.v.; 100 m, Tri-State Bcstrg. [Willits, Jr.  
 KY Lawrenceburg 102.1 3000 h.v.; 100m, Finley/  
 KY Morehead 96.3 6000 h.v.; 100 m,

KY Stamping Ground 99.1 3000 h.v.; 100 m  
 LA Homer K2XB 106.7 5000h.v.; 150 m  
 LA Lake Charles W252AQ "98.3 (KTXB 89.7 Beaumont TX), 250 w  
 MI Grand Rapids W23AB "92.5 (WGVU-FM "88.5 Allendale), 150 w [Earth)  
 MN Austin K254AA "98.7 (KJLY 104.5 Blue/  
 MN Roseau W215AI "90.9 (KQMN 91.5 Thief River Falls) [Camdenton), 300 w  
 MO Knob Noster K225AB "92.9 (KCVO 91.7/  
 MO Ottaville (30 km E. Sadaia) 107.7 6000 h.v.; 100 m, O. Bcstrg. Ltd. [Network  
 NE Norfolk "90.95000h.v.; 107 m, g, The Praise/  
 NE Sargent 92.1 10000 h.v.; 232 m, Sandhills Giant, Inc. [Las Vegas)  
 NV Henderson K257BU 99.3 (KOMP 92.3/  
 NV Stateline K272DA 102.3 (K2ZF 102.9 South Lake Tahoe CA)  
 NH Manchester "91.7 1 w h, 100 v; 4 m, Notre Dame College [89.1)  
 NJ Atlantic City W230AA "93.9 (WWFM/  
 NJ Bridgeton "89.3 1 watt h, 3000 v; 62 m, NJ Public Bcstrg. Authority  
 NJ Lebanon Township (40-41-31; 74-55-33) W289AA "105.7 (WWFM)  
 NY Jamestown WCOT "90.9 10000 h.v.; 150 m, g, Family Life Min. [Fishman  
 NY Monticello 99.7 6000h.v.; 100m, Larry/  
 NY Morrisstown 102.93000 h.v.; 100m, Northstar Bcstrg. Corp. [Down East Radio Co.  
 NC Atlantic 107.3 6000 h.v.; 100 m; g/  
 NC Hatteras 94.3 6000 h.v.; 60 m  
 NC Lumberton W231AB "94.1 (WHQR 91.3 Wilmington) [g, Better Life, Inc.  
 NC Roanoke Rapids "88.5 3000h.v.; 50 m, g/  
 NC Wingate "91.9 17700 h.v.; 157 m, g, Columbia Bible College  
 OH Hubbard (Youngstown) WRBP 101.9 3000 h.v.; 100 m, to be s  
 OH New Philadelphia "91.5 3000 h.v.; 66 m, Kent State U. (translator deletes)  
 OR Corvallis K264AA "100.7 (KBOO 90.7 Portland) [lotte McNaughton  
 OR Newport 92.7 12000 h.v.; 144 m, Char-/PA Philadelphia W300AD "107.9 (WWFM 89.1 Trenton NJ) [m, Cardcom Media  
 SC Pawley's Island 98.5 6000 h.v.; 100/  
 TN Dyersburg "90.7100000h.v.; 76 m, Mid-South Public Comm. Foundation (displaces translator)  
 TN Newport 92.9 6000 h.v.; 100 m, WNPC, Inc.  
 TX Galveston K216CJ "91.1 (KTXB 89.7 Beaumont), 250 w  
 WA Anacortes K215BT "90.9 (KSER 90.7 Everett) [St. Marys)  
 WV Vienna W226AB 93.1 (WRRR-FM/  
 WI Nekeosa 93.7 3000 h.v.; 50 m, Berry Radio Co. [100.3 Greybull)  
 WY Cody K266AA 101.1 (KZMQ-FM/  
 WY Dubois K217BP "91.3 (KUWR 91.9 Laramie/  
 PR Fajardo WCAD-1 105.7 (80-w booster of San Juan station)  
 TA Ciudad Camargo (Rio Grande City TX) XHCKO 90.5 5000 h.v.; \$, L

### Call Letters Assigned or Changed

AL Trinity 92.5 WAZK (WUIC)  
 AL Trussville 105.9 WWIV  
 AZ Globe 100.3 KZRX (KGRX)  
 AZ Oro Valley 97.5 KRKN (KVNMM)  
 AR Little Rock 99.5 KYFX (KLTV)  
 CA Fresno 101.1 KF1G-FM" (KF1G-FM; AM gets new calls)  
 CA Groveland "91.7 KXSR (KOUJ)  
 CA Kings Beach "89.9 KXKB (KEQI)  
 CA Lake Isabella 104.5 KKRVR (KVLV-FM), k  
 CA Lenwood 107.3 KOEH  
 CA Mariposa 103.9 KHOV (KHRA), r, LMA with KHOP 104.1 Modesto, dropping classical  
 CA Riverside 97.5 KHTX (KOUO)  
 CA Sacramento 98.5 KNCI (KZAP), k, "Fresh"  
 CA San Diego 94.9 KBZS (KRMX), o, "K Best 95" [in Fresno)  
 CA Tulare 94.9 KBOS-FM (KBOS; AM is/

CA Ventura 107.1 KAXX (KAGR)  
 CO Fountain 96.1 KB1Q  
 FL Fort Myers "91.5 WJYO (WSRX)  
 FL Silver Springs 95.5 WGGO-FM (WWGO); AM is in Salamanca NY  
 GA Brunswick "89.1 WWIO  
 GA Valdosta 96.7 WY2K (WVCM)  
 HI Kealakukua 92.1 KAOY (KOAS)  
 HI Volcano 107.7 KKOA  
 ID Blackfoot 101.5 KCVI  
 IL Bushnell 104.7 WLMD (WSRQ)  
 IL Elmhurst 97.3 WYFR  
 IL Springfield "90.5 WQIB  
 IN Berne 93.9 WZBD  
 IN Wabash 105.9 WWIP  
 IA Clarinda 106.1 KKBZ (KMA-FM)  
 IA Pella 103.3 KFMC (KDMG)  
 IA Rock Valley 106.9 KOEP  
 KS Iola 99.3 KIKS (K1OL)  
 KY Flemingsburg 106.3 WFLE-FM (WBPK)  
 KY West Liberty 102.9 WLKS-FM  
 ME Kittary 106.5 WHIM (WETH)  
 MD Hagerstown "89.1 WKTH (WYHG)  
 MA Boston "96.3 W242AA, see "On," below  
 MI Munising 96.3 WHCH (WQXO-FM)  
 MI Muskegon Heights 101.7 WQWQ-FM" (WQWQ-FM; AM gets new calls)  
 MI Petoskey 96.3 WMBN-FM (WMBN)  
 MN Blue Earth 98.1 KQEI, to be \$, expected on air this summer, format not disclosed  
 MN Ely 92.1 KOEK [93-X" (strict)  
 MN Minneapolis 93.7 KRXX (KLXK), rp, NE Aurora 97.3 KLRB (KMTY), op, "The Bee"  
 NV Las Vegas 98.5 KLUC-FM" (KLUC-FM; AM gets new calls)  
 NH Laconia 93.3 WLNH-FM (WLNH)  
 NJ Avalon 94.3 WXNJ (WWOC)  
 NM Santa Fe 94.7 KZXA  
 NY Bay Shore 103.1 WBSI  
 NY Oswego 101.7 WGRG (WQXT)  
 NY South Bristol 95.1 WRQI (WZSH), op, "Rock-it 95" (strict)  
 NC Charlotte 107.7 WSOC-FM" (WSOC-FM; AM gets new calls)  
 NC Fair Bluff 105.3 WWIR  
 OH Cincinnati 92.5 WIMJ (WWEZ)  
 OH Clyde 100.9 WNCG (WLCO)  
 OH Milford 107.1 WAQZ (not WQOZ), "Power Pig" [in Medford)  
 OR Grants Pass 96.9 KYJC-FM (KFMJ; AM is/ OR Medford 93.7 KTMT-FM (KTMT)  
 OR Seaside 94.7 KOEM  
 PA Beaver Springs 106.1 WWBV (WYHA)  
 PA Pittston 102.3 WTOD-FM, but "several employees have told me that the call letters are WTLQ (their old calls), so either the owners are confused or the FCC is)"  
 PA Pittsburgh 107.9 WDSY-FM (WDSY)  
 PA Sharpville 95.9 WHTX (WAXF)  
 RI Westerly 103.7 WWRX-FM (WWRX; AM is in Providence)  
 SD Yankton 104.1 WNAX-FM (KBCM)  
 TN Bristol 96.9 WXBO-FM (WXBO; AM is in Bristol VA)  
 TN Jolico 102.7 WEXX  
 TX Floresville "89.7 KWCB  
 TX Lubbock "90.9 KYFT [90-102"  
 TX Monahans 102.1 KCDQ (KMGP), op, TX New Braunfels "89.9 KOEJ  
 TX San Antonio "88.3 KYFS (KPAC)  
 UT Roy 107.9 KZQQ (KRPN), p, Z-Rock, continuing its LMA with KZHT 94.9 Provo  
 VT Rutland 94.5 WZKK (WYOY), k  
 VT Springfield 93.5 WCFR-FM (WMSK)  
 WA Roanoke "90.3 WVIU 105.3 WRXT  
 WA Bellevue 92.5 KLSY-FM" (KLSY-FM; AM gets new calls)  
 WA McClary 96.9 KGY-FM (AM is in Olympia)  
 WI Rice Lake 97.7 WAQE-FM (WAQE)  
 Facilities Changes Granted  
 AL Hartselle WYAM 106.1 6000 h.v. (100 m)  
 AL Mobile WBHY-FM "88.5 190 m, nonDA (50000 h.v.)



AK Anchorage KRUA \*88.1 (not 88.3)  
 AZ Prescott Valley KHXH 106.7 (not 106.1, having moved from 106.3)  
 AR Jonesboro KDEZ 100.3 140 m (3000 h.v.)  
 CA El Cajon KECR-FM \*93.3 non noncommercial—gets translator in 88-92 band  
 CA Los Banos KQLB 106.9 6000 h.v.; 100 m  
 CA Monte Rio KMGW 97.7 2040 h.v. (342 m), B1  
 CA Pacific Grove KOCN 106.1 (from 104.9) 4200 h.v.; 241 m, B1  
 CA Santa Rosa KXFX 107.1 2200 h.v.; 332 m  
 CO Brush KSIR 107.1 100000 h.v.; 278 m, C1  
 CO Hayden KIDN-FM 95.9 1750 h.v.; 360 m, C3  
 CT Naugatuck W250AA \*97.9 (from W218AC 91.5)  
 FL Venice WCTO 92.1 6000 h.v. (90 m)  
 FL West Palm Beach WEAT-FM 104.3 (not 104.5) 100000 h.v.; 388 m, nonD.A.  
 FL Venice WCTO 92.1 6000 h.v. (90 m)  
 GA Folkston WKCF 92.5 6000 h.v. (100 m)  
 GA Fort Valley WKXX 97.9 9800 h.v. (90 m), C3  
 GA St. Simons Island WMGG-FM 97.2 6000 h.v. (100 m) [d. directional] (d-a)  
 HI Aiea KTSS 107.9 100000 h, 79000v; 599/  
 HI Hilo KAQE 92.7 35000 h.v.; 50 m, C2  
 IL Carterville WEZS 95.1 85 m (3000 h.v.)  
 IL Columbia WCBW 104.9 11500 h.v.; 146 m, C3  
 IL Lynnville WEAI 107.1 6000 h.v. (100 m)  
 IL Marshall WMNC 105.9 3300 h.v.; 90 m  
 IL Petersburg WLJ 97.7 6000 h.v. (100 m)  
 IN Angola WLKI 100.3 (from 100.1) 4000 h.v. (120 m) [(100 m)]  
 IN West Lafayette WXAW 106.7 6000 h.v./  
 IA Decorah KRDI 105.5 30000 h.v. (150 m)  
 IA Knoxville KRLS 92.1 15500 h.v.; 94 m, C3  
 IA Storm Lake KAYL-FM 101.5 122 m (100000 h.v.)  
 KS El Dorado KBUZ 99.1 100000 h.v.; 299 m, C1  
 KS North Fort Riley KBLT 105.2 100000 h.v. (150 m), C1 [137 m, C3]  
 KY Bowling Green WBZD 96.7 13500 h.v.  
 KY Henderson WKBP \*89.5 43000 h.v.; 115 m  
 KY Madisonville WSOF \*89.9 39400 h.v. (86 m)  
 KY Monticello WKYM 101.7 1800 h.v.; 188 m  
 ME Winslow WJBI-FM 95.3 5300 h.v.; 106 m  
 MN St. James KXAC 100.5 132 m (50000 h.v.)  
 MO Butler KMoe 92.1 4730 h.v.; 45 m  
 MO Kirksville K214AE \*90.7 WJSO 90.1 Pikeville KY (from WMBI-FM 90.1 Chicago)  
 MO Knob Noster KKKX 105.7 (from 105.5) 13500 h.v.; 89 m, C3 [vertical]  
 MO Rolla KQMX 94.3 3000 h.v. (114 m), adds/  
 MT Missoula KUFM \*89.1 1754 m (14300 h.v.)  
 NE Milford (from Hastings) KUHG 98.1  
 NH Campton WVFM 105.7 80 watts h.v.; 597 m  
 NJ Cape May WSJL 102.3 89 m (2000 h.v.)  
 NJ Newark WNNK 105.9 810 h, 580 v, 373 m, grant to Multicultural Broadcasting (to take over WNNK and move transmitter to Empire State Building), Has Italian "Radio Uno" on its 67 kHz SCS; 92 is RBC for people from India.  
 NM Albuquerque K292EN 106.3 has KOLT-FM 105.9 Santa Fe (from KMXX 104.7 Socorro), but this will be "short lived," as the new KZPY 106.3 has been granted to Los Lunas NM, "just south of Albuquerque"  
 NM Espanola K10T 102.3 9000 h.v.; 164 m, C3  
 NM Roswell KVNK 104.7 125 m (50000 h.v.)  
 NY Troy WAMC-1 \*93.1 (from 89.9). Interference on 89.9 from a Family Radio translator was too great. "The 90.3 signal [from WAMC Albany] doesn't travel well from Mount Greylock (you should show that transmitter location in FMA-151)."  
 NC Durham WFXC 107.1 2600 h.v.; 153 m  
 NC Waxhaw (from Kershaw SC) WLWN 106.1  
 NC Wilmington WUOY 104.5 (from 105.3)  
 OH Oxford WMUB \*88.5 25500 h.v.; 152 m, nonD.A. [(not 94.5)]  
 OK Claremore (new) to be on 100.7/  
 OK Durant KLBC 107.1 50000 h.v.; 150 m, C2  
 OK Holdenville KXXY 106.5 4500 h.v.; 82 m  
 OK Lawton K242AA \*96.3 (from K215B0

90.9)  
 OR Creswell KAVE 95.3 630 h.v. (368 m)  
 OR Eugene KWAX \*91.1 21500 h, 12500 v; 370 m [103.5 2000 h.v.; 118 m]  
 PA Berwick WKAB/ [d-a] (387 m)  
 PA Scranton WEZV 106.9 (from 107.1) 380 h.v./  
 PA Warminster WRDV \*89.3 100 h, 1000 v; 36 m  
 SC Loris WVCO 94.9 (from 105.9)  
 SD Spearfish KEZV 101.1 554 m (100000 h.v.); transmitter Terry Peak, 2 km SW Lead SD  
 TN Livingston WKXG 95.9 12000 h.v. (144 m)  
 TX Beeville KYTX 97.9 34000 h.v.; 178 m  
 TX Kerrville KRVL 94.3 directional (d-a)  
 TX Pittsburg KXAL 103.1 3800 h.v. (360 m)  
 VA Blacksburg W243AA 96.5 (from WROV-FM 96.3)  
 VA Clinchco WDIC-FM 92.1 (from 93.1) 2500 h.v.; 154 m [(128 m)]  
 WA Grandview KARY-FM 100.9 6000 h.v./  
 WA Kelso KUKN 94.5 6000 h.v. (100 m)  
 WI Ashland WJHJ 96.7 79 m (50000 h.v.)  
 WI Bloomer WPHQ 95.1 14700 h.v.; 131 m, C3  
 WY Jackson K216CI \*91.1 WJSO 90.1 Pikeville KY (from WMBI-FM 90.1 Chicago)

# Stereo—Or to be Stereo

AR Glenwood KWXE 104.5  
 CA North Highlands KEBR-FM \*89.3, on air  
 CA Lisma KDUV \*88.9, gr, to join CBN Radio  
 CT Ledyard WBMW 106.5, rm  
 IN Nappanee WLXR 95.7, o  
 IA Manchester KMCH 94.7, kr  
 MA South Yarmouth WATB 103.9, m, 1T, 67.  
 "The WATB calls are used only once an hour, so I guess you could say "WATB" is WATB's nonID."  
 MA West Yarmouth WXTK 94.9 broadcasts at least 20" of theme music per hour in stereo; otherwise talk in pseudo-stereo. "No stereo separation, but the pilot is on anyway. I think that's a pretty dumb move." [m]  
 MI Boyne City WBCN 93.5, k, to 50000 h.v. (140 m)  
 MI Port Huron WGR 102.3, rm, "Great 102.3"  
 MS Monticello WRQO 102.1, "Q-102"  
 NE Superior KRFS-FM 103.9  
 NC Hamlet WJSG 104.3  
 OH Montpelier WLZZ 104.5, k  
 OH West Carrollton WROU 92.1, s  
 PA Patton WBRX 94.7, back on air, rm, "Lite 95," and "aiming for Altoona market and disenfranchised listeners of WFBG-FM 98.1" now WFGY, k) [to WFGY Altoona  
 PA State College WGGY 94.5, k, parallel/  
 SC Greenville WTB1-FM \*91.7  
 SC Murrells Inlet WKDQ 94.5  
 TN Knoxville WEMQ 104.5, "Q-104"  
 TN McKinnon WTWL 101.5, o  
 TN Seymour WJBZ 96.3  
 TX Hereford KPAN-FM 106.3  
 ON Ottawa CHUO \*89.1, p  
 TA Nuevo Laredo XHBLM 88.9, l, part of a network, running program tests. Includes XHCKO (see "New" above) Ciudad Camargo and "another on 90.9 with 1 kw which I was unable to identify." Has only occasional IDs.  
 MONOPHONIC—Remove stereo indication  
 NH Winchester-Keene WXOD, now o, did not add \$ when it dropped talk  
 TX Bryan-College Station KBMA 99.5  
 TX Clifton-Waco KWOW 103.3

# Format Changes

Formats are the same as in the "FM Atlas"

AL Atmore WGCX 103.7 rp, still "Rock 104"  
 AL Linden WNL 98.5 k, "Win 98"  
 CA Bakersfield KGFM 101.5 rm  
 CA Kerman KATA 94.3 s  
 CA Riverside KQLH 92.7 rm [1370 AM  
 CA San Jose KBAY 100.3 rm, along with KEEN/  
 CA Taft KMYX-FM 103.9 r  
 CO Boulder KSSP 94.7 j[azz]  
 CT Litchfield WZBG 97.3 to be mr  
 FL Callaway WDRK 103.5 rp, Cool 103.5

FL Fort Lauderdale WAXY 105.9 o, LMA with WHYI 100.7 Fort Lauderdale  
 FL Fort Walton Beach WKSM 99.5 rp, "Kiss FM," ID with Pensacola  
 FL Holmes Beach WISP 98.7 mr [1 a.m.  
 FL Starke WEAG-FM 106.3 mr  
 FL Tallahassee WAMF \*90.5 pj, on 7 a.m. to/  
 GA Douglas WDMG-FM 99.5 rm  
 GA Rome WKCF 97.7 rm  
 GA Waycross WWUF 97.7 r  
 ID Twin Falls KLIJ-FM 95.5 o, SMN Pure  
 IL Anna WRAJ-FM 96.5 kt, adding Sun talk  
 IL Princeton W2OE-FM 98.3 o  
 IA Independence KQMG-FM 95.3 o, SMN Pure  
 KS Abilene KSJA 98.5 o [silent  
 KS Manhattan KTFD 104.7 k  
 KS Wamego KHCA 95.3 g, "Angel 95," had been/  
 MA Hyannis WDCD 106.1 p  
 MI Ann Arbor WJOL 102.9 pr  
 MI Essexville WIXC 97.3 k  
 MI Grand Rapids WOOD-FM 105.7 rm  
 MI Oshtemo W2X3 103.9 rm  
 MI Three Rivers WLKM-FM 95.9 mr  
 MN Golden Valley KQRS-FM 92.5 op  
 MN La Crescent KXLC \*91.1 nt, mono, on air  
 MN Park Rapids KDKK 97.5 mt  
 MN Rushford KWNO-FM 99.3 on air, r, CHR  
 MS Holly Springs WKRA-FM 92.7 o  
 MS McComb WAKH 105.7 k  
 MO Liberty KXXR 105.5 k, forming LMA with KFKF 94.1 Kansas City KS and KCFM Lexington MO 107.3, rumored to be changing calls to KXXR and going nr, but if so what will be the calls for 106.5?  
 MO South West City KWMO 100.3 kt  
 MO Trenton KTTN-FM 92.1 k  
 MT Great Falls KMOM-FM 94.5 k  
 NE Gordon KSZD 95.5 ko, mono, oldies nights  
 NE Lincoln KLDZ 95.1 o  
 NKFGE 105.3 k, "Froggy 105.3"—and Stereo!  
 NV Las Vegas KEYV 93.1 p  
 NH Meredith WWSW 101.5 mr  
 NH Manahawick WJRZ-FM 100.1 r. It combines "safe" current hits with "liberal doses of '60s to '80s hits—no rap, minimal dance sounds, a definite bias toward artists with a rock following. In short, this station has responded to the backlash against the hypercurrent urban flavor of most big city top 40s. Most of my friends at the Jersey shore have been lobbying for this format change for some time." No SCS planned.  
 NM Santa Fe KIVA 105.1 p, Z-Rock  
 NY Avon-Rochester WYHQ 93.3 to be r; \$?  
 NY Fredonia WQCA 96.5 k  
 NY Sodas WNNR 103.5 rp  
 NC Wilson WAHD \*90.5 bg  
 ND Grand Forks KRMJ-FM 94.7 k  
 ND Langdon KNDK-FM 95.7 o  
 OH Archbold WMTB-FM 96.1 o  
 OH Celina WKKI 94.3 rm  
 OH Coal Grove WXVK 97.1 k  
 OH Fredericktown WJMR 98.3 rm  
 OK Euftala KCRS 102.3 k, still mono  
 OK Lawton KVRW 107.3 o  
 OK Lone Grove KYNZ 106.7 k  
 OK McAlester KMCO 106.3 k, still "K-101"  
 KTMFC-FM 104.9 rm, "Bright 105 FM" [FM]  
 OK Oklahoma City KYIS 98.9 rm, "98.9 Kiss/  
 OK Tulsa KBEZ 92.9 mr  
 OR Lake Oswego KMJI 106.7 o, "Oldies 106.7"  
 PA Allentown WAEB-FM 104.1 r, still "B-104"  
 SC Mt. Pleasant WDXZ 104.5 r, "Mix-104.5"  
 SC Ridgeland WSHG 104.9 k  
 SC Walterboro WONO 105.3 kr  
 SD Moberg KOLY-FM 99.5 k  
 SD Sioux Falls KELO-FM 92.5 mr  
 SD Watertown KSDR-FM 92.9 k  
 TN Kams WWZD 93.1 k, "Young Country."  
 TN Oak Ridge WKFN-FM 94.3 r, \$ Station sold.  
 TX Abilene KORO-FM 100.7 r  
 TX Commerce KETR \*88.9 oj  
 TX Dallas KRSR 105.3 k, "Young Country."  
 TX Denton KJZY 99.1 p, "Z-Rock" (strict)



TX Portland KCGR 105.5 r  
TX San Antonio KISS-FM 99.5, "99.5 Kiss"  
VA Charlottesville WQMG 95.1 r  
VA Narrows WZFM 101.3 op  
VA Roanoke WVPV 94.9 mr  
WA Goldendale KYTT 102.3 rm  
WA Seattle KUBE 93.3 sr  
WI Menomonee WMEG-FM 92.1 k  
WI Tomah WZFR 94.5 and WBOG 96.1 o  
ON Ottawa CFMO 93.3 mr

### On Air and DX Ready (Selected)

AR Augusta KAKB 97.7, k, had been silent  
CA Fresno K251AA 98.1; primary KNAX 97.9  
CA Los Gatos K212AA, but not with KUSP, but with a religious station. "Don't know which one. There are so many of those..."  
CT Stamford WEDW-FM \*88.5  
IA Jefferson KLSN 98.9—after 7-month hiatus  
MA Boston (transmitter Cambridge, but directional toward Boston) W242AA \*96.3, having moved from 97.7. "A strong signal" at 23 km.  
MN Thief River Falls KNTN \*102.7 nt, mono  
NM San Antonio-Alamosa K209BC \*89.7.  
"KFLQ is really using this too-complete with both Albuquerque and Alamosa weather."  
SC Barnwell WBAW-FM 99.1C3, having moved from 101.7 [still oldies, \$]  
TX Marshall KMHT-FM 103.9, had been silent;  
TX Mesquite KEOM \*88.5, having moved from 88.3; ID with Dallas.  
VA Winchester WTRM \*91.3. "We increased our primary power to [the equivalent of] 50000 watts (ERP) and we are now reaching into parts of Washington DC."

### Off Air or Not Yet On

AK Nome KNOM-FM \*96.1 expected on this spring, mainly simulcasting KNOM AM  
CA Hayward KCRH \*89.9. "Haven't heard in years"  
CA Los Gatos KDBQ-2 99.1  
CA Mountain View KSFH \*90.5. "Also haven't heard it in quite a while."  
CA San Jose KLEL \*89.3. "I have never heard this station."  
CA Santa Cruz KFER \*89.9  
IL Morris WCFL 104.7 (by FCC)  
IA Eldora KXGA 99.5  
IA New Hampton KCZE 95.1  
IA Winterset KTDG 99.5  
KS Girard KYPG 99.1, "silent pending sale"

OK Atoka KHKC 103.1  
PA Berwick WKAB 103.5  
PA Easton WJRH \*104.9—still on 90.5; silent during school vacations  
PA Huntingdon WQHG 106.3  
PA McConnellsburg WEMX 103.7, unless on with very poor signal—no heard at McConnellsburg exit of PA Turnpike  
PA Mountaintop WQZM 97.1  
SC Ravenel-Charleston WMGL 101.7, off air  
TX Beaumont KWIC 107.9 and KKFH 1380 AM  
UT Tremonton KBXQ 105.1, along with AM  
WY Cheyenne KKAZ 100.7 (along with AM KUUY 650 Orchard Valley WY)

### Deletions

AZ Phoenix—one of the \*89.5 stations (to AZ State U.); the other \*89.5 (Maricopa County Community College), will not be a sharetimer  
CA El Cerritos KECG \*88.1. "KQED ran a feature on this subject. The station was a very active voice for students, but was killed by school system budget cuts, which are something of an epidemic here in California."  
CA Leggett K217AL \*91.3  
CA Los Gatos KUFH-1 94.5

CA Newhall KZLA-FM1 93.9  
GA Albany W202AE \*88.3  
IL Springfield K212AI \*90.3, displaced by full power station  
MN Caledonia KKOO 94.7  
MS Tupelo W215AC \*90.9  
MT Big Timber K257AN 99.3  
MT Colstrip K252AG 98.3  
K280B 103.9  
MT Missoula K280BV 103.9  
MT Polson K240BU 95.9  
MT Seelye Lake K252BM 98.3  
NY Binghamton WKGB-1 92.5  
OH Chillicothe WVXC-1 \*89.3  
OH New Philadelphia W204AB \*88.7  
OH Westerville WBBY 103.8: "To tears, hugs, some laughter, a flood of phone calls from well-wishers and an upbeat melody of *Auld Lang Syne* and *God Bless America* WBBY signed off forever at midnight Dec. 31." Here is a DXing window for central OH people which could last five years while the FCC sorts out who among nine applicants should get 103.9.

OK Seilassaw K211BO \*90.1, "CP cancelled, call sign deleted per request of permittee"  
OR Port Orford K292BC 106.3  
TN Dyersburg W214AJ \*90.7, replaced by full-powered station  
WA Bridgeport K280AD 103.9  
WY Douglas K269AS 101.7  
WY Evanston K296DJ 107.1  
WY Jeffrey City K280AF 103.9  
K285AG 104.9  
WY Wilson K221DE 92.1

### SCS Changes, 57, 67, 92 kHz

Symbols are as in the "FM Atlas"  
MN Park Rapids KDKK 97.5 +C, relay of KNPS 1430 AM Staples MN  
NJ South Orange W5OU \*89.5 EIES of NJ, 67; French Creole (for Haitians), 92  
NY Garden City WDRE 92.7 +U, 67  
NY Hempstead WKJY 98.3 +U, 92  
NY New Rochelle WRTN 93.5 +X, 67, "continuum tone"  
NY New York WKCR \*89.9 no 92 (tT, 67)  
WNYE \*91.5 no SCS (had tZ, 67)  
WNYC-FM \*93.9 no SCS (had tC, 67)  
WPLJ 95.5 no SCS (had tX, 67)  
WRKS 98.7 tE, 92, oriental (tZ, 67)  
WNCN 104.3 tE, 67 (not tX). "Unidentified oriental language," simulcasts most of the time with WRKS' 92 kHz  
WNSR 105.1 no tZ, 67  
NC Raleigh WKNC \*88.1 no SCS; the blind service now exclusively on WUNC \*91.5 Chapel Hill  
"Back in the '70s my wife and daughter bought me a G-E Superadio with the subcarrier. I got much enjoyment out of it."  
"The [SCA] adapter in my first scanner works great. Please send me one EI-II adapter kit for my Realistic Pro-2004 scanner."

F Mistakes—14th ed. FM Atlas (Selected)  
MN Lakeville KZPZ to be on 105.1, not "05.1," p. 53  
OK Holdenville KXKY 106.5 listed as "KXXY," p. 188. KXXY-FM (96.1 and AM) is in Oklahoma City  
TX Belton KOOC 106.3 listed as "KYZZ" p. 188. KOOC fined \$5000 by FCC for failing to award an announced prize according to terms of a contest.  
TX Miranda City KZZQ listed both on 100.5 and 100.9; eliminate listing on p. 175.

TX Tyler (not "Tzyler") KNUE 101.5, p. 176 On p. 9, "you don't seem to know where your Station Directory by frequency starts!" [It starts on p. 145.]

### NonIDs In Use

Mentioned usually without call letters; "strict" if a station only uses call letters once per hour as

required by the FCC (at or near top of hour)  
AL Dothan WJNN 101.3 Joy 101.3  
AR Fayetteville KEZA 107.9 Magic 107.9 (from "EZ-108")  
AR Fort Smith KISR 93.7 Kiss 93.7  
KBQQ-FM 100.7 Q-100.7  
AR Siloam Springs KMCK 105.7 The Power Station (see Poteau OK, below)  
AR West Helena KCLT 104.9 T-105  
CO Monte Vista KSLV-FM 95.3 V-95.3  
FL Cocoa Beach WSTF 101.1 Variety 101 FM (from "Star 101"), causing competitor WOMX-FM 105.1 Orlando to crow: "Why are they changing their name? Perhaps they think it will help them. . . What other differences will I notice? Not much. It's like a new cover on an old chair." ["Q-100"]

FL Pensacola WJLQ 100.7 Super Q (was)  
PA West Palm Beach WIRK 107.9 uses calls with "Good Time Country" (from "Country K")  
GA Bainbridge WJAD 97.3 Power 97 (from "97.3 JAD")  
GA Boston WTUF 106.3 Oldies 106  
IL Lansing WJPC-FM 106.3 no "J-106"; uses calls; AM-FM simulcast ["K-92"]  
KY Middlesboro WMK-FM 92.7 KY-93 (was)  
LA Alexandria KQID 93.1 Fun Radio 93-QID  
LA Baton Rouge WFMF 102.5 Hot 102  
MI Battle Creek WKFR 103.3 103-KFR  
MI Mount Clemens WXCD 102.7 CD-102.7 (from "Smooth Sounds")  
MN Marshall KKKC 99.7 Renegade Radio  
MN Minneapolis KMOJ \*89.9 FM 89.9  
MS Peta WFMF 106.3 Lite 106  
OK Oklahoma City KEBK 94.7 no "K-94 FM," now uses calls: "94 Country KEBK."  
OK Poteau KZBB 97.9 The Power Station, simulcast with KMCK 105.7 Siloam Springs  
OK Sulphur KFXT 100.9 Fox 101  
OK Tahlequah KEOK 101.7 uses calls, not "OK-102"

OR Springfield-Eugene KSND 93.1 no "K-Sound," uses calls: "93.1 KSND"  
PA Portage WKXU 105.7 Kix Country 105.7 (strict) [Radio (not "K-Life")]  
TX Dallas KCBF-FM \*90.9 Sunshine/  
TX Galveston KRTX 104.9 uses calls (not "The Breeze"), rm  
TX Mt. Pleasant KPXI 100.7 K-101 (not "K-100"), and no longer IDing with Tyler-Longview  
TX Sweetwater KXOX-FM 96.7 Kool Gool  
TX Terrell Hills-San Antonio KMMX-FM 106.7 106.7 K-Mix (from "K Mix 106")

### Multi-City IDs in Use

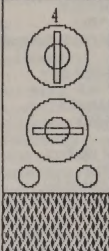
FL Quincy WFHT 101.5 (having moved from 101.7), ID with Tallahassee (still "Hot 101.5") [Brunswick-Lawiston]  
ME Bath WKRH 105.3 with Augusta (not with TX Denton KNTU \*88.1 no multi-city ID; ID with Dallas-Fort Worth occurs only Sundays when it has classical [ton OK  
TX Wichita Falls KWFS 103.3 back with Law/WA Spokane KZZU 92.9 with Coeur D'Alene ID  
"The new book looks great—although I look forward to the day TX gets an easier-to-read map."

### AM Happenings Most Likely Caused by FM (Selected)

AL Bay Minette (Mobile) WBCA 1110 silent, "sold last year to new owner who couldn't pull it off"  
AL Pritchard (Mobile) WLPR 960 silent. "Will try to stay silent until station is sold or picked up in an LMA."  
FL Jupiter WEXI 1000 "call sign deleted"  
ID Boise KUCI 730 silent pending sale  
KS Pittsburg WSEK 1340 silent pending sale  
LA New Orleans WMTX 690 "has been sold again. . . Onetime top 40 grandaddy" to play New Orleans jazz. Other AMs in the market said to be having financial difficulty.  
MI Grand Rapids WLAV 1340 "goes back to simulcasting WLAV-FM 96.9 after running 'Z-Rock' for nine months." 73, BZ

## Television News

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### ABBREVIATIONS USED IN THIS COLUMN:

ERP= Effective Radiated Power, in kw  
HAAT=Height Above Average Terrain, in meters  
nc= No change  
TL= Transmitter Location  
CP= Construction permit  
MP= Modification permit (modification of construction permit)  
\*= Non-commercial

### APPLICATIONS FOR NEW TV STATIONS

St	Ch	ERP	HAAT	City
MT	18	2684	596	Butte; CTN
NC	35	3532	257	Jacksonville; Webber-Moore Bcastg.
NC	35	2000	301	Jacksonville; Charles Fitzgerald

### APPLICATIONS TO MODIFY CONSTRUCTION PERMITS

St	Ch	ERP	HAAT	Call	City
KY	49	1820	327	WDKA	Paducah (TL 37°23'45"N, 88°56'23"W) (4.8km NE of Vienna, Ill.)
TX	51	nc	506	KNWS-TV	Katy (TL 29°33'40"N, 95°30'04"W) (Senior Rd., Houston's tower farm)
TX	48	3162	nc	KNVO	McAllen

### APPLICATIONS TO CHANGE EXISTING STATIONS

St	Ch	ERP	HAAT	Call	City
CA	62	3746	723	KRCA	Riverside (TL 34°11'16"N, 117°41'55"W) (Sunset Ridge)
GA	57*	39	129	WATC	Atlanta (TL 33°48'40"N, 84°21'51"W) (740 Bismarck Rd., WPBA-30's studio site)
MI	33	221.3	311	WGKI	Cadillac (TL 44°08'53"N, 85°20'45"W) (10.4km SE of Cadillac)
TX	55	1600	nc	KJLF-TV	El Paso
WI	24	3000	313	WCGV-TV	Milwaukee (hmmm. No change from my reference!)

### CONSTRUCTION PERMIT MODIFICATIONS GRANTED

St	Ch	ERP	HAAT	Call	City
ME	35	500	258	WWLA	Lewiston (TL 43°51'06"N, 70°19'40"W) (4km S. of Gray)
MS	51	1494	379	WPJJ	Jackson (TL 3.3km SW of I-20/Miss. Hwy. 18 junction)
OK	62	1000	233	KMNZ	Oklahoma City (TL 35°33'26"N, 97°28'31"W) (86th & Eastern, Okla. City)
VA	65	398	254	WZXC	Ashland (TL 37°44'32"N, 77°15'18"W) (2.3km from jct. of hwy. 615 and 652)

### CHANGES GRANTED TO EXISTING STATIONS

St	Ch	ERP	HAAT	Call	City
IA	36	6.09	nc	KQCT	Davenport
NJ	63	1510	223	WMBC-TV	Newton (TL 41°00'36"N, 74°35'39"W) (4.5km SE of Sparta)
NJ	66	?	217	WFME-TV	W. Milford (TL 41°07'14"N, 74°12'03"W) (near Mahwah)
NY	48	136	129	WYDC	Corning (TL 42°02'29"N, 77°15'18"W) (6.05km E of Borden)
OH	7	100	174	WHIO-TV	Dayton (TL 39°43'17"N, 84°08'57"W) (1414 Wilmington Ave., their existing studio site)
OK	44	578.1	164	KGLB-TV	Oklmulgee (TL 35°43'25"N, 95°59'20"W) (1.3km N of Preston)
WA	4	nc	351	KOMO-TV	Seattle

### CHANGES IN THE TABLE OF ALLOCATIONS

St	Ch	City
AR	57	Springdale (proposed)
CA	54	Calipatria (granted)

### CALLS GRANTED TO NEW STATIONS

St	Ch	Call	City
TX	18	KMZN	Farwell

### CALL LETTER CHANGES FOR EXISTING STATIONS

St	Ch	Old	New	City
CA	6	KSBY-TV	KSBY	San Luis Obispo
FL	10	WTSP-TV	WTSP	St. Petersburg
HI	26	KMGT	KOBN	Honolulu
KY	40	WQQB	WKNT	Bowling Green
OK	43	KAUT	KTLK	Oklahoma City
TN	50	WXJP	WFBI	Memphis



## NOTES

The call letter change for Oklahoma City 43 (KAUT=>KTLC) reflects that station's conversion from an independent to an educational station.

WQQB-40 Bowling Green has been dark (I saw it once); maybe the call change indicates an imminent return to the air. Their sister station WBNA-21 Louisville is reported back on the air after a dark period.

S.12 has passed the U.S. Senate by a 78-18 vote. It must now pass the House, (also by a 3/4 majority, as President Bush has promised to veto it) to become law.

S.12 would allow local governments to regulate cable rates in some situations. Additionally, it would require cable programmers such as CNN to make their programming available to other technologies. (wireless cable, direct satellite broadcasting, etc.) And, it gives over-the-air stations the option of either requiring cable carriage by local systems, or negotiating a carriage fee to be paid by the cable system to the TV station. (currently, TV stations are not permitted to charge for cable carriage)

*Broadcasting* reports that WDJT-58 Milwaukee has been airing gavel-to-gavel coverage of the Jeffrey Dahmer trial, in cooperation with WITI-6, who's supplying a reporter, promotion, and technical equipment. WDJT's ratings have reportedly jumped by 300%..

The FCC has allocated 218-219MHz for IVDS, (Interactive Video Data Service) and established rules under part 95. This is TV Answer's system for viewer feedback. Two licenses (each for 500KHz of spectrum) will be issued in each service area.

### FORUM

Bruce Elving, Esko, MN:

Again on the subject of WDIO-10's new tower, Bruce sent a copy of "Tower Talk '91", an advertising mailing the station sent out after completing their new tower. It includes several photos of the collapsed tower-- which apparently barely missed wiping out two satellite dishes on the station's property. Also shown are a few photos of the process of constructing the new tower. The text notes that

WDIO is now circularly polarized.

Bill Nienajadly, Clifton NJ:

Bill passed along two newspaper clippings:

From the Jan. 17 New York Post; "A soundtrack from a hard-core pornographic movie popped up on an episode of "Gilligan's Island" telecast in Toledo. The episode, broadcast Tuesday by Fox TV affiliate WUPW (36), began with a conversation between Mr. and Mrs. Thurston Howell III. But instead of their voices, viewers heard the words and sounds from a porn flick." This seems to happen every other year or so-- which is why, if I find anything like that on the satellites at work, I switch transponders as quickly as possible!

And from the Newark Star-Ledger (no date, but I believe it was late January), the FCC has renewed the license of WWOR-9 Secaucus, NJ. Garden State Limited Partnership had challenged WWOR's license, but a FCC administrative law judge ruled that Garden State's application had been filed for the primary purpose of reaching a (financial) settlement with WWOR's existing licensee, Pinelands Inc.. If the settlement had been upheld, Pinelands would have paid Garden State \$2,000,000 in return for withdrawal of the competing application.

Dave Sinclair, Vancouver BC:

Dave has received & viewed the 1991 Convention tape, and finds it very interesting.. as do I.. He also has some news from both sides of the border...

After sending the item regarding the Lake Havasu City, Arizona, translators (printed in Dec. 1991 *VUD*), Dave visited the area. He noted that, of the 28,000 local residents, everyone's home has an antenna, usually UHF only; motels and apartments having master antenna systems, even though the area has had cable since about 1974. Dave visited the cable company & was told that it had changed hands three times-- presumably leaving gaps with no cable service, hence the antennas. A number of parabolic dish antennas were also noted, as well as VHF and FM antennas aimed at Las Vegas, 185km north.

From the Jan. 24 *Vancouver Province*, Western International Communications Ltd. of Vancouver is looking forward to two bouts with the Canadian Radio-television and Telecommunications Commission this year.

WIC has operated a pay-per-view service in Saskatchewan for 16 months, and now wants to expand that operation across Western Canada. A decision on that application is expected soon.

They also want to buy CHCH-11 Hamilton, Ontario; a sale the government approved, but contingent on the sale of either CHEK-6 Victoria, or CHAN-8 Vancouver; WIC prefers to keep both British Columbia stations. (an interesting situation - as far as I can tell, these two stations' transmitters are only 60km apart, and should both put a local strength signal into Vancouver. This would have *never* been approved in the U.S.!!)

#### Chuck Jackson, Indianapolis, IN:

sent a quick note showing that the 1990 *Television Factbook* was \$345 for the two-volume set. He also suggests checking old or recycled bookstores, which is where he got his 1990 Stations Volume for \$4.50!

#### Fred McCormack, St. Paul, MN:

Fred has a solution for my unID channel 6 LPTV in Chattanooga; W06BG, 56' agl, 58 watts ERP.

He saw a ValueVision network ID on W62BD- other LPTVs carrying this home shopping service are:

W20AU	Atlanta, GA
K55FV	Houston, TX
W53AX	Cleveland, OH
W36BD	Detroit, MI
K07UI	Minneapolis, MN
W62BD	Minneapolis, MN

#### James Roggentine, Crest Hill IL:

Jim has ended up on TBN's mailing list, and sent a copy of their February bulletin, which shows a number of stations not on the last list printed in the *VUD*. I'll try to get this typed up for April. "The scary part of it is that all the stations that do not have dots, are OWNED by TBN of which 18 are full power and over 135 are low power!!" (not to mention 25 stations in 10 other countries besides the U.S...)

Actually, a list of their studio locations in the same bulletin shows 12 (the FCC limit) full-power stations owned by TBN itself, plus 6 more owned by 3 associated companies. It's these associated firms that have stirred up the controversy (see February *VUD*, p.5), as there's some question to whether they are indeed controlled by TBN (illegal) or independent. (which is legal)

This bulletin also has news of their new stations in St. Petersburg and Moscow, Russia, and in Tonga.

Bill Draeb, Kewaunee, WI:

"On March 15, locals WBAY-2 and WFRV-5 will swap networks from CBS=>ABC in the case of ch. 2 and ABC=>CBS in the case of ch. 5. WJMN-3 (going from ABC to CBS) and WLUC-6 (from CBS to ABC) will do the same. This is necessary because CBS, Inc. a while back purchased WFRV-5, WJMN-3, and WCCO-4 which will all be CBS network affiliates." (Thanks for this info Bill; there had been some speculation that CBS would sell WFRV and WJMN, possibly making the swap unnecessary. Obviously, this isn't the case!)

"I don't know what local WBAY-2 will carry over night as they didn't say. They used to carry CBS late night programming which made them a 24 hour station." ABC doesn't have an overnight service right now, but I understand they're interested in starting one. Some stations have also carried some CNN Headline News overnight.

"Concerning WXGZ-32 which has been in bankruptcy since 1988, they will be purchased by WGBA-26 and will be taken off the air on Feb. 14. However, this won't last long as they will come back on, sometime in the future, as a Home Shopping Club station." Apparently a WGBA employee plans to buy the station. WXGZ had been the Green Bay market's Fox affiliate; WGBA will pick up the Fox programming. 29 WXGZ employees will lose their jobs. I was rather surprised when WXGZ came on in the first place; the Green Bay market just didn't seem big enough to support two independent stations. Guess it wasn't!

#### John Marx, Madison, WI:

John asked for help with an unID with the Madison weather radar near channel 14. Seems Mike Stone's article on amateur TV (inside front cover, February *VUD*) was just a few days late; that's exactly what John was seeing! Besides Madison, I know of amateur TV activity in Milwaukee, Chicago, and here in Nashville, and I'm sure it exists across the country. Besides the 420MHz transmissions mentioned in Mike's article, there are a few stations using FM video in the 2300MHz band; "wireless cable" receivers should be able to receive these.



Robert Walker, Bloomfield Hills, MI:

Regarding the channel 45 application for Vanderbilt, Mich.; "Vanderbilt is located approximately 10 miles north of Gaylord, adjacent to I-75 on the east. This is approximately one hour, by car, south of the Mackinac Bridge which connects the Upper Peninsula to Lower Michigan." "Apparently, the applicant has already cut a deal with the Fox Network, which would provide Northern Lower Michigan and some of the Upper Peninsula Fox Network programming, not available, unless one has cable."

Bob and another local member of the Michigan Area Radio Enthusiasts have noted a home shopping station interfering with reception of WUPW-36 Toledo. Fred McCormack's Value Vision listing solves this one as W36BD Detroit- an interesting assignment, as WUPW's Grade B contour comes within 10 miles of downtown Detroit! A similar situation exists in Chicago's northern suburbs, with W36AO Palatine being within a few miles of WMVT's (Milwaukee) Grade B.

Finally, Bob asks whether a new TV Database is going to be published. I don't know, but I understand Bill Fahber is indeed working on it.

## FCC RULES PRIMER

The procedure for starting a new full-power TV station can seem rather complicated- what with 10 different categories in the February column alone! There is, however, a well-defined set of steps involved.

### CHANNEL ALLOCATION

Before you can start a TV station, you have to have a channel. Originally, the FCC's own engineers prepared a "Table of Channel Allocations", a list of channels that could be used in a given city without interfering with other stations.

Today, most of the FCC's original allocations have been filled. But their original work didn't find every possible channel. So, the first step in starting a new station is to have your engineers find a channel that can cover the city you want to cover while fitting into the FCC's interference-protection regulations. Your proposal can move existing allocations to different channels (and even existing stations, if you can get them to agree to the move), but you can't delete a city's last channel. This proposal is filed with tea FCC as a petition for amendment of the table of allocations. The Commission's engineers review the

petition, to verify that it indeed avoids interference to other stations. If they approve, the table is amended. This does NOT mean that you get the channel! Now, a filing window is opened for applications for the new channel. Presumably you'll apply for the channel-- but in most cases several other firms will too. FCC staff checks the applications for serious errors (applied for the wrong channel; tower too far from tea city of license to provide a decent signal; applicant already owns 12 stations, etc.) before accepting them for filing.

Next, a hearing is scheduled before tea Commission itself. This can take quite some time; often during this period, one of the financially stronger applicants tries (and usually succeeds..) to pay off weaker applicants to withdraw their applications. (this is legal..) It's not unusual for this process to end up with just one surviving applicant, at which point a construction permit is granted. If more than one applicant survives to the hearing, the Commission considers a number of points (do the owners live in the stations' coverage area? Do they plan to manage the station themselves? Are they minority or female? Have they been honest with the FCC? etc..) and decides which application to grant.

Now, someone has a construction permit. While you can, in theory, put up a tower and buy a transmitter without holding a CP, the CP is your guarantee that the FCC has approved your station, and if you build according to the CP, you'll get a license. The CP also conveys authority to test your transmitter on the air- however, you cannot air regular programs under a CP. For many years, a station would apply for call letters after their CP was issued. While there's been no formal notice, the FCC appears to have begun issuing calls themselves, in alphabetical order, upon issuance of a CP. Of course, you can still ask to change your calls.

Once construction is complete and you've tested your transmitter & antenna, you can apply for the license itself. This license conveys authority to begin programming, and will be automatically granted unless some unusual circumstance has come up.

That's it for this month.. Good DX!

73 Doug

# QSL CORNER & LOGOS RUN

Thomas J. Yingling, Jr.  
ARS: KAJTCC  
221 Pinewood Road  
Baltimore, MD 21222-2345  
Phone # 410-282-5649

NY WSYT 68 Syracuse, 1000 James St., zip 13203. Letter & PFC (prepared file card for qsl'ing stations), from Gary Dreispul, Gen. Mgr in 1 month. (Ross)

ONT CFRU 93.3 Guelph, Level 2, Univ. Centre, University of Guelph, zip N1G 2W1. PFC in 1 month from station manager, name not given. (Ross)

MN KSRO 90.1 Thief River Falls, Thief River Falls Tech. College, Highway One East, zip 56701. Letter from Don H. Jorstad in 3 months. (Ross)

NY W38AN 38 Rochester, 184 Monroe Ave., zip 14607. PFC & letter back in 2 months from Ron D. Kniffin, Pres. (Ross)

ONT CBO 91.5 Ottawa, Box 3220, Station C, zip K1Y 1E4, CBC QSL Card, PFC & letter from J. M. Carriere, Aud. Rel. in 1 month. (Ross)

GA WXVS 90.1 Waycross, Box 842, zip 31502. PFC in 3 months from Knox Carreker, CE. (Ross)

ONT CICO TVO 42 Mindenova 7, % Box 200, Station Q, Toronto zip M4T 2T1. PFC & letter from Gerry

Theriant, Oper. Mgr. who says only 20 watts, with 2.8km coverage area. Reply in 1 1/2 months. (Ross)

NY WWII 50 Watertown, 1222 Arsenal St., zip 13601. PFC in 1 1/2 months from Robert Kurtz, CE. (Ross)

NY WROC 8 Rochester, 201 Humboldt St., zip 14610-0997. & business card from John M. Coon, PFC. of Eng. in 3 weeks. (Ross)

OH WTUZ 99.9 Uhrichsville, PFC & business card in 3 weeks from Don Graff, CE. (Ross)

FL WGSF 89.5 Mayo, Box 644, zip 32066. PFC & business card from William F. Small, CE in 2 months. (Ross)

NY WNJA 89.7 Jamestown, % 23 North St., Buffalo, zip 14202. This is a new WNED-FM translator with 3500 watts with regular call letter. Reply in 1 month from Richard Oel, Station Mgr. (Ross)

FL WOZN 98.7 Key West, 3710-12 N. Roosevelt Blvd., zip 33040. Letter in 2 months from Dano P. Amann, DJ. (Ross)

PA W44AG 44 Erie, % Trinity Broadcast Network, Box A, Santa Ana, CA 92680. PFC in 3 weeks from Ben Miller, PFC. of Eng. for 1000 watts low power tv station/translator. (Ross)

ONT CKAT 101.9 North Bay, Box 3000, zip P1B 1C2. PFC in 3 weeks from Wayne Russell. (Ross)

NY WCNY 24 Syracuse, 560 Old Liverpool Road, Box 2400,

zip 13220-2400. PFC & business card in 2 weeks from Hugh Cleveland, CE. (Ross)

OH WTJC 26 Springfield, 2675 Dayton Rd., zip 45506. PFC & business card back in 2 weeks from John Elliott. (Ross)

NY WCFE 57 Plattsburgh, 1 Sesame St., zip 12901. PFC & letter back in 2 weeks from Charles Zarbo, CE. (Ross)

NY WNPI 18 Norwood, % WNPE-TV 16, 1056 Arsenal St., Watertown, NY 13601. PFC & business card from James Edwards, PFC. of Eng. (Ross)

This month main qsl reporter was Robert S. Ross, ARS: VE3JFC of London, Ontario. Thanks for all the id-logos I have received from: Mike Cherry, ARS: VE7SKA, Bill Nienayady, Al Quagliori, M. C. Sittel, Robert E. Schweitzer, Christopher S. Dunne, Dave Pomeroy, ? Fountain, Tom Bryant. I may have not given credit to my past logo contributors as it is hard to keep track of who gave what. It takes an little more time to rubber glue up logo's then it does to just type up the qsl items. I do save most logo' that I have received. FM station id logos to me seem to be no good for use but as filler material, as the logo goes nothing for idenification of an station, unless the station id slogan is in print. Well that's all for now. Remember to DX & to QSL! go next page.....

**30**  
**K30AL**

**11**  
**KTWU**

**11**  
**KTWU**

**11**  
**KTWU**

**11**  
**KTWU**

**11**  
**KTWU**

**KTAL-TV 6**  
POST OFFICE BOX 7428  
SHREVEPORT, LA. 71137-7428



I did work 2 WIFDA members that are hams in the ARRL November Sweepstakes Contest. I wonder if they got me in their logs? W2CRS & WA5IYX. Anyway, this page will be all logos. Remember to send in some more qsl items as I out again! Lots of logos though!

XEW-TV CANAL 6



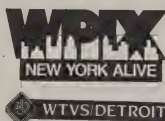
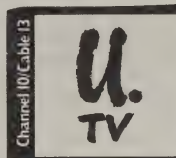
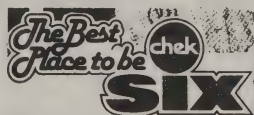
## TELEVISORA DE HERMOSILLO, S.A.

VERACRUZ Y MANUEL I. LOAIZA  
APARTADO 603 HERMOSILLO, SON.

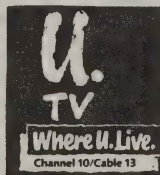
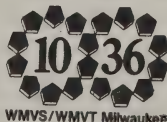
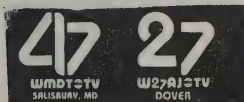
CBS 5 WAGA

### ALL AMERICAN TV, INC

WTJP - CHANNEL 60  
313 Rosedale Avenue  
Gadsden, Alabama 35901



GBC GAYLORD BROADCASTING COMPANY



Be an instant winner tonight! Play the CBS/K mart Get Ready Giveaway.

7PM CBS KHOU-TV 11



IF YOU'RE OFFENDED BY  
(implied) OBSCENITY,  
YOU MIGHT CONSIDER  
SKIPPING THIS COLUMN.  
A GREAT DEAL OF  
VULGARITY (#@\*X) IS  
IMPLIED..NOT FOR THE  
SAKE OF BEING TASTE-  
LESS..BUT TO CONVEY A  
TRUE PICTURE OF AN  
EXTREMELY HEATED EX-  
CHANGE.



Written by:  
TOM BRYANT  
849 Todd Preis Drive  
Nashville  
Tennessee  
37221

## THE WINE AND CHEESE PARTY

We've all read about odd laws still on the books...just about every place has them. Some are archaic, some unnecessary, and others simply ludicrous. This tale centers around a piece of legislation in Tennessee that falls into all three categories; yet considering the state is known as the 'buckle of the Bible belt', isn't really too surprising.

To paraphrase the portion of Tennessee's liquor law pertaining to broadcast advertising; **ADVERTISING OR IMPLYING THE AVAILABILITY OF ALCOHOLIC BEVERAGES FOR THE PURPOSE OF ON-PREMISES SALE AND/OR CONSUMPTION IS PROHIBITED.** The law does not apply to newspapers, magazines or billboards (and technically, not to cable tv); only to over-the-air radio and television licensees.

Hard liquor, wine, and wine coolers fall under the jurisdiction of the Tennessee Alcoholic Beverage Commission (hereafter referred to as the ABC). Strangely enough, beer is not included in the ban. Beer sales and advertising regulations are controlled by local governments..and as far as the ABC is concerned, it is not an alcoholic beverage! One more quirk is that wine ads (usually national spots) promoting brand names, but not mentioning specific points of purchase are also allowed.

ABC officials are bureaucrats; and as such, feel obligated to nit-pick at even the slightest hint of violation of the rules. On numerous occasions WSM has been notified by the ABC that we were airing spots mentioning such abominable things as 'drinks', 'cocktails', 'happy hour', and 'fine wine'. There are no penalty provisions (at least none that I know about) for offending broadcasters; but we are asked to remove the questionable material immediately. The restaurant, lounge, or retailer sponsoring the unlawful ads is warned by the ABC; and if there are further violations, the agency is empowered to suspend or revoke the liquor license of the offender.

Although the law is very specific, the search for ways to circumvent it is an ongoing quest. About the best anyone has been able to do is mention '..your favorite beverages.' As broadcasters we are on constant patrol for commercials that cross the line. We feel an obligation to let a sponsor know that he's on thin ice before a spot airs. That gives the potential offender a chance to make changes in the copy, and avoid an unpleasant encounter with the ABC enforcers. In most cases the client is unaware of the violation; and after considerable grumbling about '..stupid damned laws..', makes the changes necessary to avoid a jab from the legal corkscrew.

Now that you know the particulars of liquor legalese in a state that for years has been known to 'vote dry and drink wet'; let's get to the specifics of what is probably the most off-the-wall story ever to evolve from the restrictive statutes. By the way, this is primarily a radio story, but could just as well have happened on the tv side of the aisle; thus I felt it merited print in this forum which is almost exclusively devoted to television.

[continued - next page]



TV TIME TUNNEL-----continued from previous page:

About 15 years ago a prestigious local men's clothier opened a new store and opted to mark the event with an open house featuring wine and cheese for the guests. When I read the copy, my mental siren went off. This spot wouldn't get past the ABC hawks!

I called the manager of the store (a colorful gent, to say the least) and attempted to persuade him to omit the wine mention. Well, the phone almost melted in my hand! The guy was mad as a hell!

"Those g-- d----- sons of b-----!", he screamed. "Who the f--- do they think they are? It's just a f----- wine and cheese social... I'm not out to get the whole town drunk! S-----I'm running a clothing store, not some g-- d----- wino dive!"

My attempts to get him to change the spot were futile. I took the case to the Sales Manager and the General Manager who met with similar results. Finally, it was agreed that since we didn't want to lose the business, and considering that it was a seemingly innocent event; plus the fact that he didn't seem to mind the threat of a confrontation with the ABC...we would air the spots...but if anyone was called on the carpet by the ABC, we would all plead ignorance and claim that we thought the law applied only to establishments that normally sell wine and liquor.

The spots went on, and after airing for three days, it appeared that the infraction had slipped through the cracks. Not so. On the fourth day, we got a call from the ABC office asking us to remove the ads. We told them we would comply. Moments later we were in touch with the owner of the clothing store. His reaction was a complete shock.

"I wouldn't want to violate the law, and I'm not doing so by running those commercials. Keep them on!" But you ARE in violation, we insisted. "You a----- ought to do a better job on your legal homework," he said. "I expected something like this would happen, so I had my attorneys go over those f----- codes with a fine tooth comb and we're gonna shows those b----- at the ABC a thing or two!"

OK, we wanted to know; what are you going to do to make this legal? "Well, there's a clause they found that excludes communion and sacramental wines; and since the Rabbi owes me a favor, he's going to come down to the store and bless every f----- drop of wine and, if he has to, every f----- piece of cheese!"

The next day, the spots were still airing when an angry ABC enforcement team showed up at the store. The wine was flowing freely...the Rabbi was blessing everything in sight...and the befuddled bureaucrats (after having been shown the provision exempting sacramental wine) tucked their forked tails between their legs and went skulking back to the office. There wasn't a thing they could do! The advertising continued, and so did the wine and cheese party!

It was the only time in my 25 years with WSM that I've seen anyone beat the system! The same law is in place today...standing, I think, as legal testament to the power of broadcast advertising as opposed to print. My personal opinion is that the law is totally unnecessary, but it IS the law...and I call it to the attention of violators just as frequently now as then. However, I can't help but chuckle to myself everytime I recall the wine and cheese grand opening...and its' one-time shot at blitzing an example of the sort of situation which has led to such low esteem for politicians and the laws they foist upon us.

How about a drink to that? But be sure it's sacramental wine if you intend to advertise it in Tennessee!

---

**NEXT MONTH:** A peek at the "WSLS-tv Family Album" courtesy of WFOAer David Shapiro in Griffin, GA. Lots of fun pix and vintage equipment!

# TV TROPO TOTALS LEAN?

SNOW TOO MEAN? CLEAN THE SCENE WITH A GREEN SCREEN!

BY ROBERT GRANT, KD8EN

For decades, TV DXers have made great efforts to reduce the amount of "snow" in the picture of weak television signals. High-gain antennas, high towers, low-loss transmission lines, high-gain and low noise RF amplifiers and even the "hottest TV set" all help to reduce snow by reducing the amount of noise in the video signal. However, the DXer can also reduce "snow" at the picture tube, more precisely, at the very front of the tube, by using a monochrome (usually green) monitor from a personal computer.

I happened upon this trick last summer, when my wife asked me to DX on another set so she could watch a program. The only thing in reach of the antenna lead-in was my Teknika TV tuner and her unused Apple III computer. I hooked the tuner up to the green computer monitor to DX. When this system went on line, I noticed that the weak stations appeared stronger! An A-B test was done, WTOL-11 in Toledo (about 80KM distant) appeared slightly snowy with the Teknika tuner hooked to a regular 12" B/W tv set, but on the green monitor, WTOL was almost perfectly snowfree! Tests on other weak stations showed the same effect. The system worked well on weak tropo signals. Supered IDs which were too "snowed-in" to be legible on the B/W TV were easily read on the green monitor.

## PERSISTENCE PAYS OFF

The snow-reducing secret of the green monitor is PHOSPHOR PERSISTENCE. Most green computer monitors and older oscilloscope screens use a P1 phosphor, rather than the white, short persistence P4 phosphor used in regular B/W sets. (phosphors in color sets are also short persistence). P1 phosphor is unsuitable for TV sets because bright moving objects in the picture leave "streamers" behind them (not to mention the picture is green!, hi.) The DXer, however, can benefit from the persistence because of the random nature of "snow". For every spot in the picture, the noise may produce a bright spot during one field, and just as likely a dark spot in the next. On short persistence phosphor, the result is the familiar flicker of snow. On long persistence phosphor, the accumulating and overlapping dark and bright spots tend, to some extent, to CANCEL EACH OTHER OUT. The result is less "snow" seen, the snow that remains tends to be finer-grained and seems to flicker more slowly. The process is based on the same principle as taking a photo time exposure of the screen. In the 1950's and '60's, it was common procedure to take a photo of the screen of several seconds when a "snowbound" ID or test pattern appeared on the screen. DXers sometimes IDed their catches when the film came back from the drugstore! The resulting photos were usually unsharp and low in contrast (note that on the green screen you may have to turn up the contrast when the signal is weak). The green monitor lets you reduce the snow "live" and without the cost of film. The snow reduction is not as great with the monitor, but the picture remains sharp.



### WHAT ABOUT E-SKIP?

The green computer monitor will reduce snow on  $E_s$ , too, but on  $E_s$  the problem for the DXer is much more often co-channel interference than "snow". Here the long persistence phosphor is of less use. The effects of the persistence on carrier-beat CCI ("venetian blinds") varies greatly with the precise frequency of the carrier beat. If the beat frequency is a multiple of the vertical field rate (59.94 Hz in North America) the "beat bars" will remain in place and the long persistence phosphor will produce no difference, but if the beat frequency is at or near an odd multiple of half the field rate (29.97 Hz in North America), the "beat bars" will cancel out on the green monitor. This cancellation also occurs with regular phosphors, but long persistence intensifies this effect and produces the effect over a wider beat-frequency range. Hence the green monitor may actually work against you by "hiding" the CCI.

### THE HOOKUP

Its easy to try! Simply run a video cable from the VIDEO OUTPUT of a VCR or TV tuner (personally, I use a Teknika TVC-22) to the INPUT jack of the monitor. Provide power for the monitor (in the case of the Apple III, the monitor has its own power supply and can be plugged into an AC outlet).

The monitor, of course, must be compatible with the video standard of the tuner (if the monitor is from a specialized computer this may not be the case). Also remember that the advantage of a monochrome computer monitor comes from its phosphor persistence, not its greenness. Using just the green gun of a color CRT will not have the same effect, nor for that matter will placing a green filter in front of a regular P4 short persistence phosphor screen (which is exactly what was done in some old "el cheapo" home computers).

After you have hooked up your own green screen TV DX rig and judged for yourself if the result is worth DXing in "B & G" (black and green), you can try plugging both the monitor and a regular TV into a tuner simultaneously. There are also other long persistence phosphors on the market besides "P1 green" that may be more effective at reducing "snow" and/or more pleasing to the eye. A more inventive approach was used more than a decade ago by Jerry Pulice of Staten Island, NY in his very successful transatlantic F2 TV DXing efforts. In this approach, a video camera was aimed at a normal P4 tube, and the CAMERA was adjusted for long persistence SENSITIVITY. the result was reduced-snow video on a normal set attached to the video camera.

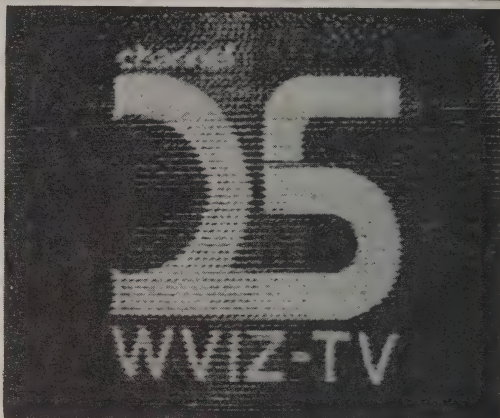
Any more observations on the use of long persistence phosphors for TV DX would be most welcome.

Robert Grant, KD8EN, 12759 Kelly Road, Detroit, MI 48224.

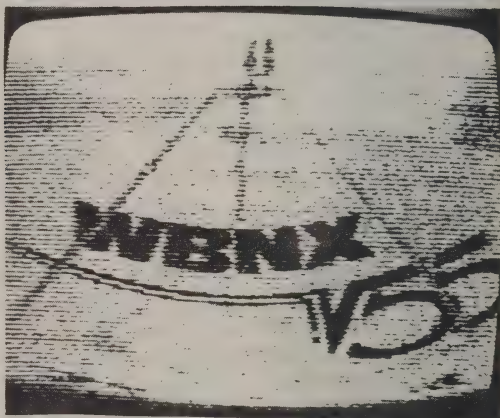
or phone (313) LA.7-6531  
(1200-1430 or 0100-0330 ET, not on weekends)

From Chicago, Illinois and DX from Robert  
Kramer (N9MBK).

WVIZ-25  
Cleveland, Ohio  
320 mile tropo  
seen August 25, 1991



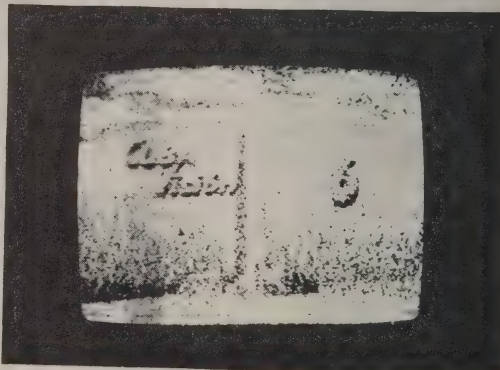
WBNX-55  
Akron, Ohio  
307 mile tropo  
seen August 25, 1991



Thanks Bob; you get some good loggings  
from your area. djn

From Christopher Dunne - Pembroke Pines  
Florida we have a Cuban catch while at  
Sugarloaf Key, Florida.

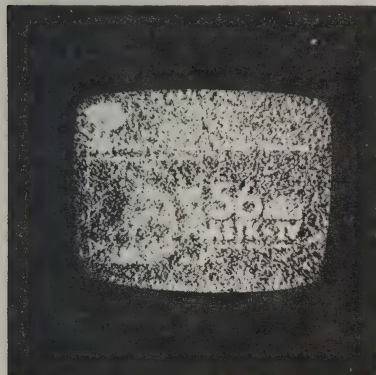
CUBA VISION 6  
channel 9  
100 mile tropo  
Matanzas, Cuba  
seen April 2, 1990



Thanks Chris; sorry your WPSX foto didn't  
turn out better.



William Eckberg - 1032 Sterling Road - Dixon, Illinois 61021 is asking for your help in identifying a skip station see on channel 2 last June 29. What makes this test pattern unique is: instead of an "INDIAN HEAD" or call letters. There's what looks like a "FIGHTING COCK" head on top. Have any idea; Bill would appreciate your help.



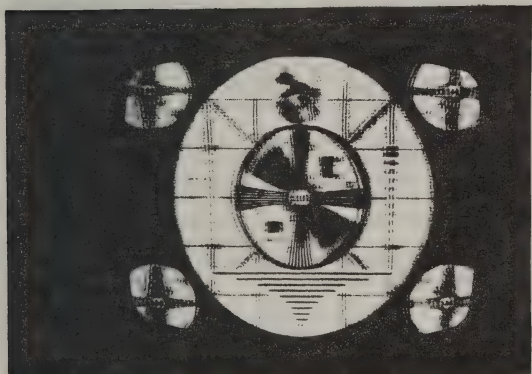
KETK-56

Jacksonville, Texas  
747 mile tropo  
seen May 28, 1991  
at 0025 CDT



KFXK-51

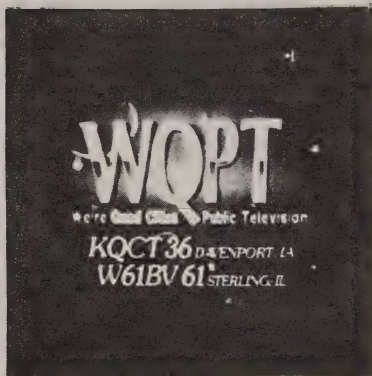
Longview, Texas  
697 mile tropo  
seen May 28, 1991  
at 0040 CDT



?FIGHTING COCK TEST PATTERN? or is it?  
2E Caribbean area?

channel 2  
seen June 29, 1991  
at 1418 CDT

"Took out WESH-2 Florida for 3 minutes"  
"Any ideas!!"



W61BV

Sterling, Illinois  
15 mile Groundwave  
"went on the air November 15, 1991"

More from Bill next month.

Ill) next time, DAVE

# WESTERN TV-DX

Fred McCormack  
Box 17860  
St. Paul MN 55117-7860

Deadline: 04-09-92  
Cut-off: 01-01-92

March 1992

January provided a fantastic start to the new TV-DX year! Super tropo hung over the Midwest on the 4th and 5th, Pacific F2 was arriving in British Columbia, and every reporter noted at least one E skip opening. According to Frank Merrill, the tropo of the 4th and 5th was the best tropo since the Texas opening of September 1989. In Louisiana, Jeff Kruszka noted E skip on each date from the 2nd through the 8th. January E skip was reported on the following dates: 2-8, 15, 16, 19, 22, and 28.

On another note, I would like to encourage everyone who has included station news with their reports to support Doug Smith's Television News column.

New\_\_\_\_ New Mode\_\_ Tent. - t Unidentified - unid S/On - + S/off - =  
ID Color Bars - ● Unid Color Bars - % Misc. Test Patterns - &  
Parallel Programming - // MTS Stereo - \$

CH Chihuahua CU Coahuila GR Guerrero TA Tamaulipas ZA Zacatecas

Dave Pomeroy, 2321 SE Libra Court, Topeka KS 66605-1827 (913-266-5477) CST

## Equipment:

VHF: Radio Shack VHF/UHF (model unknown). Channel Master 6' UHF parabolic with Radio Shack preamplifier.

At long last, we are settled enough for me to send in a report from my new location. It is, by far, the best set-up I have had in Topeka. We are not exactly on a hill, but we have no obstructions in any direction.

Normal reception is much improved from Kansas City (especially KSMO-62), although KAAS-18 (Salina) is less dependable. In most of the time is K26CR from Kansas City, Missouri as well as KPTM-42 and KHIN-36. I have traps for channel 38 (KCMC) and channel 49 (KTKA). The use of the latter is the only way to get regular reception of KYFC-50.

Not included in my report was earlier reception of XEPM-2, XEJ-5, and KDBC-4. It was my first ever reception from the El Paso area. Signals were extremely strong.

While in Europe in October, I observed some television in Czechoslovakia and Poland. What a change! Two years ago when we were last in Prague, an all Russian channel (the 3rd in the city) had just been added. Today it carries a mixture of English language including CNN Headline News. The same is true of Poland where I saw the highlights of the final game of the World Series. Unfortunately, our hotel TV set in Vilnius, Lithuania did not work -- but then, not a lot does there, but that will change.

## November 1991

12 tr AM	KXON 35 OK 190	12 tr 1815	WSNS 44 IL 465	3 tr 2300	unid 42 w/ home
	WWSL 46(MO) 285		WEHS 60 IL 465		shopping from se
	K35CO 35 NE 90	24 tr PM	<u>K22CP</u> 22 KS 105	4 tr 0000	WEVV 44(KY) 445
(Cameron	CHA)		(Salina KAKE-10)		KXON 35 OK 190
29 Es 1900	WDIQ 2 AL 735		K15CN 15 KS 105		KWHB 47 OK 210
	WEDU 3 FL 1090		(Salina TBN)		WICD 15 IL 420
			KDOR 17 OK 175		WFIE 14(KY) 450
			(o/ local K17CK)		<u>K15DD</u> 15 KS 130

## December 1991

2 Es 1900	WPBT 2 FL 1270	<u>January 1992</u>		(Wichita HSC)
	WEDU 3 FL 1090	3 tr PM	WMBD 31 IL 345	WWSL 46(MO) 285
12 tr 1815	WLFI 18 IN 490		WRSP 55 IL 335	KDNL 30 MO 290
	WIFR 23 IL 405		K57DR 57 MO 150	1430 WKFE 22 OH 610
	WXIN 59 IN 510	(Joplin LPTV)		WRGT 45 OH 610
	WHLA 31(MN) 395		WMTV 15 WI 425	1530 KMEG 14 IA 240
	WXOW 19(MN) 395	2300	WMEC 22 IL 280	1830 WFHL 23 IL 370
	WMTV 15 WI 425		WWT0 35 IL 385	6 Es 1830 WYZZ 43 IL 360
	WGBO 66 IL 465		KFAA 51 AR 215	XEFE 2 TA 830
	WTTK 29 IN 525		(2nd Time!)	<u>XHPN</u> 3 CU 770
	KIIN 12 IA 295		WICS 20 IL 335	unid 4 Spanish

The opening of January 3-4 was continuous with some stations (including WICS-20, KDNL-30, KOKI-23, and WWSL-46) in most of the time with strong signals. K15BQ in Topeka has been dark for some time now. I do not expect it to return. Sure makes 15 a better target.



Jeff Kruska, 2824-E Steamship Circle, Harahan LA 70123

CST

Equipment:

Sylvania 12" black and white, quad loops cut for channels 2 and 5, Radio Shack U-75 corner yagi. Mitsubishi HS-U31 VCR.

December 1991

2 Es 1750 KDKA 2 PA 925  
1755 MUF ch 5 briefly  
1900 KLNE 3 NE 888  
8 Es 1832 unid 2 briefly

January 1992

2 Es 1845 unids 2,3 SS  
3 Es 1659 unid 2 SS

4 Es 1102 unids 2,3 CBSs  
1758 unid 2 PBS, 3 SS  
1900 unid 2 w/ XEW ID  
5 Es 1431 unid 2 SS  
(w/ soccer)

6 Es 1710 unids 2,3,5  
1716 KOAA 5 CO 1003  
1718 KREG 3 CO 1169

6 Es 1900 KKTO 2 NM 1026  
(Audio o/WRBZ)  
7 Es 1658 XHBQ 3 ZA 955  
1712 MUF ch 5 briefly  
1728 unid 5 w/XHGC ID  
8 Es 1730 unids 2,3,5 SS  
16 Es 1834 unid 2 CCI  
22 Es 1649 WMAR 2 MD 1003

An unprecedented 9 days of E-skip in January including 7 DAYS STRAIGHT! I had more E-skip in January than in July of 1991! The E-skip gods must be making up for that abysmal last summer. Although most of the openings were very brief, it was quite a surprise to come home from work each day, turn on the TV, and say, "Not again!" Most of it was from Mexico (assumed), so as usual, just about no IDs. The narrow opening on January 6th to Colorado and New Mexico also went into FM (MUF 92.9).

Frank Merrill, P.O. Box 669, Macomb IL 61455 (309-833-2661)

CST

Equipment

ICOM R-7000 VHF-UHF communications receiver with video adapter and Zenith L1310C9 13 inch. VHF-UHF (Winegard 8100?) with Winegard PA-4975 preamplifier, RG-11, at 40 feet.

December 1991

2 Es 1730 WESH 2 FL 952  
MUDU 3 FL 990  
WJXT 4 FL 867  
1830 WPBT 2 FL 1161  
12 tr 0200 WAAV 31 AL 453  
0205 W29AO 29 AL 537  
(Anniston WBRC- 6)  
0207 W/K64-- 64 ?? s  
( See Note # 3 )  
0222 WJSU 40 AL 537  
0228 WGNX 46 GA 574  
WATL 36 GA 574  
0229 WFXL 31 GA  
0235 WDKY 56 KY 368  
( See Note # 1 )  
0250 Chicago overload

27 tr 2200 KITN 29 MN 342  
2222 KSAX 42 MN 428  
2231 WNMU 13 MI 430  
(Rare)  
2238 WLEF 36 WI 379  
2327 WGBA 26 WI 301  
W57BJ 57 WI 301  
(Green Bay TAB)  
28 tr 2223 W57AR 57 WI 370  
(Sayner WSAW- 7)  
WHRM 20 WI 312  
2230 WHLA 31 WI 234  
29 tr 0400 WEAU 13 WI 291  
(HSS)  
30 tr 0240 Northern Ohio Us  
CIII22 22 ON 437  
Detroit Us 405  
WTLK 14 GA 521  
0300 WAAV 31 AL 453  
0307 WZDX 54 AL 453  
WZTV 17 TN 365

30 tr 0325 W29AO 29 AL 537  
0330 unid 38z Tampa?  
0340 WCOV 20 AL 610  
0346 WUNAL 44 AL 510  
WTTT 21 AL 525  
( See Note # 2 )  
0427 +WLTZ 38 GA 637  
0430 W15AP 15 AL 512  
(Gadsden WBRC- 6)  
0443 unid ch 31z  
0522 WBMG 42 AL 525  
0533 WABW 14 GA 739  
0535 WHNT 19 AL 453  
WAFB 48 AL 455  
0545 WOAC 67 OH 490  
0700 WTRT 26 AL 434  
1330 SW OH Us to  
Columbus 320-400  
WTSF 61 KY 460  
WQHS 61 OH 470  
WCVN 54 KY 339  
WGTU 29 MI 409  
WGKI 33 MI 371  
WUPW 36 OH 383  
WCMU 14 MI 369  
WQLN 54 PA 558

2230 WGTU 29 MI 409  
WGKI 33 MI 371  
WUPW 36 OH 383  
WCMU 14 MI 369  
WQLN 54 PA 558  
31 tr 0135 unid 29 MI TBN  
CITY 57 ON 616  
CITY2 31 ON 550  
CKC03 42 ON 464  
CBLN 40 ON 508  
CIII22 22 ON 437  
CIII27 27 ON 684  
CIII41 41 ON 616  
WEEK 25 IL 58  
(AN - Nightside)  
CFMT 47 ON 616  
(Strongest ever)  
WUTVE 29 NY cci

31 tr 0220 unid channel 21-  
0246 CICA 19 ON 616  
0440 WGTU 29 MI 409  
CKCO 13 ON 552

January 1992

4 tr 0415 OKC, Tulsa Us  
0422 K26CR 26 MO 227  
(Kansas City HSC)  
0424 WKTFO 41 OK 408  
(Snow free)  
0442 K66CN 66 AR 370  
(Harrison TBN)  
0450 K39CI 39 MO 256  
(Springfield religion)  
0500 K20-- 20 OK? HSS  
(Relog 2/91unid)  
0601 WKFAA 51 AR 359  
1349 WAFB 48 AL 455  
W52AZ 52 IN 243  
(Evansville CHA)  
1356 WMAV 18 MS 428  
(Over KLJB!)  
1359 WKNO 10 TN 368  
1403 WBUY 40 MS 420  
(TBN w/loc tel#)  
1430 WKZT 23 KY 320  
1520 WTLKt 14 GA  
1557 WMPN 29 MS 569  
1558 WMAO 23 MS 488  
(// chs 29 & 18)  
1600 WFIQ 36 AL 434  
1608 W65BF 65 TN 367  
(Memphis WBUY-40)  
WXVT 15 MS 469  
(Blasting in)  
1858 WMAH 14 MS 580  
(//18 w/L. Welk)

## Frank Merrill (continued)

4 tr 2010	WMAE 12 MS 412	(Low power!)	5 tr 0256	WCOV 20 AL 610	5 tr 0735	Huntsville-
2017	WLJT 11 TN	(// MS 18 & 12.)	0258	W53AF 53 MS 412		Atlanta-Columbus
2030	WMPN 29 MS 569		0300	W55BJ 55 AL 510		(28 & 38) & not
	WDBD 40 MS 564	(Awesome)		(Jasper ANC)	0748	much else left!
2032	W31AG 31 MS 420	(Clarksdale TBN)	0341	W24AE 24 TN 367	1420	"Still going"
	(New xltr state)			(Nashville HSS)		WBMG 42 AL 525
2239	KLAX 31 LA 622			(Or Macon WGXA?)		WSBnt 47 VA cci
2244	unid ch 64 TBN	( See Note # 3 )	0349	WHSG 63 GA 590	2200	WGRB 34 KY 365
2258	WJTV 12 MS 567		0359	WDBB 17 AL 513		WJSP 28 GA 618
5 tr 0018	WCTE 22 TN 411		0403	WNOL 38 LA 724		(Over W28BE!)
0058	WJTV 12 MS 567	(Alone & strong)	0441	W36AM 36 TN 367		WGNX 46 GA 574
0104	WXGZ 32 WI 301	("Off the back")		(Memphis VJN)	2211	Chattanooga Us
0135	WLOV 27 MS 467	( On all night )	0500	WDGO 29 GA 685		W51AB 51 GA 490
0209	WGMB 44 LA 699		0520	WTVN 9 GA 648		(Flintstone WCLP-18)
0250	W29AO 29 AL 537			(Under KETC)	2300	(// 28)
	WATL 36 GA 574		0525	WCES 20 GA 676		=WFLI 53 TN 490
				( See Note # 4 )	2325	Some MI Us weak
			0532	W51AU 51 TN 526	6 tr 0130	All fade except
				(Greeneville WKPT-19)		vanishing WXON
			0550	WDEF 12 TN 467	Es 1700	XHIT 4 CH 1194
			0600	WNGM 34 GA 577	1728	KHID 2 TX 866
			0612	WTOK 11 MS 571	1803	XHJMA 3 GR
				( See Note # 5 )		( See Note # 6 )
			0624	WMAH 19 MS 676	7 0300	( See Note # 7 )

Note # 1 - (0235 12/12) - This was the most extreme example of "wave-guide effect" ever seen here! Apparent direction was Chattanooga, about 20°-25° off true direction. Within half an hour they were coming in from the proper direction.

Note # 2 - (0346 12/30) - Both stations carrying 3/4 color bars with WTTO ID.

Note # 3 - (0207 12/12)(2244 1/4) - I am not sure if these are from the same station! Jeff Kadet saw the color bars (no calls) often in December implying a QTH like Rolla or St. Louis. I suspect the January catch was further south, as it seemed to peak with KLAX. However, I called three Alexandria stations (including religious FM KVDP) and nobody knew of the channel 64 being active.

Note # 4 - (0525 1/5) - Though Jeff Kadet had this quite strong, I could only hear the slightest bit of the NOAA weather they run before sign on. First tropo here from Georgia's east side. For unknown reasons, Jeff usually does better on channel 20 than I do.

Note # 5 - (0612 1/5) - Channel 11-, same as KPLR, same direction. After following this for awhile, I could finally see "Mississippi" in a local ad.

Note # 6 - (1803 1/6) - I've sent a drawing of the local ID slide to the unid column. Also, I have written to XHJMA.

Note # 7 - WICS-20 NOT on! They were supposed to go all night with "Nightside" on January 6th, but not noted all night on the 6th or 7th or yet. Praise the Lord for small favors. Double joy here, because I presume that co-owned WICD-15 would have also gone all night.

Hello all. Though I often talk about how much I enjoy winter tropo, it's supposed to be much rarer than tropo "in season." This has not been the case! Winter tropo has dominated the 1991-1992 scene so far, with the January 4th-5th event probably the best tropo DX observed here since the classic Texas opening in September 1989. The only significant tropo outside of winter in 1991 happened in late May and late August, but neither opening was as good as early February.

However, none of the tropo reported here had significant effect on FM. I did log WSTZ-106.7 Vicksburg, Mississippi on January 4th but only "by default" - the frequency is wide open here. In fact, I've had no significant FM tropo since June 20th! I'm hoping for another good tropo opening that affects FM (and lowband VHF and NOAA stations).

I'm planning a California tropo during February and early March; with that and my van purchase and my warehouse/office now done, I should have no looming major projects to keep me away from getting a tall "DX tower" put up.

I still find it totally astonishing that I'm able to have these results with, basically, an ordinary antenna. Many non-cable rural people here, like myself, have 40 foot towers with similar antennas and rotors. In fact, this setup was in place when I bought the house. Only the rotor and preamplifier have been changed, the preamplifier to a better Winegard (PA-4975). Macomb is far enough from Peoria to require a deep-fringe antenna for snow free reception. Best DX and 73.



Mike Cherry, Box 631, Ganges BC V0S-1E0 (604-537-5201)

PST

Equipment:

Kenwood RZ-1 receiver, channel 6 crystal trap. Hitachi 5" black & white monitor, Sony Beta Hi-Fi MTS VCR, Archer 15-578 variable signal attenuator. Antennas: Lindsay CC-30 22 element log-periodic with Dalco EID-5SV 28 dB mast-mount preamplifier @ 38 feet with "ARM-strong" rotor. Homebrew six element 6 meter (50 MHz) wide-spaced beam (2.5 wl) @ 60' with Hy-Gain CD-II rotor.

<u>January 1992</u>				5 F2 1640	Australia 46.253	9 F2 1615	USSR 49.760 vid
1 ms 1123	KAID	4 ID	499		vid	1639	USSR 49.7395 vid
	(23 seconds)			6 F2 1710	USSR 49.750 vid	1712	48.250 video
5 F2 1348	TVNZ 45.260	vid		Es 1727	KWGN 2 CO 1096		(See notes)
1400	\$TVNZ 50.760	aud		8 ms 2102	KRTV 3 MT 569	1800	48.250 vid 2 cxx
	(See notes)				(16 seconds)	17 ms 1956	KCRA 3 CA 739
1613	ABC - Australia			9 F2 1537	USSR 49.757 vid		(7 seconds)
	46.240	vid		1555	USSR 49.750 vid	19 Es 1000	\$KTVS 3 CO 1150

An F2 peak spoiled me absolutely rotten for about 10 days in early January!! On the 5th, very strong F2 paths to New Zealand produced watchable video (until my eyes hurt from the flickering vertical roll!) and shortly thereafter the MUF was high enough for audio from this station (IDed at 1400 as 'TVNZ 1' with STEREO audio). Occasionally this audio frequency has a "spur" from some NTSC channel A2 transmitters, but a positive ID was heard on 50.760.

January 9th produced a very strong opening to various parts of the Soviet Commonwealth with 49.750 video reported in every part of the USA. This signal was quite strong and widely seen throughout North America. At one point there were three different carriers on this frequency! At 1700, I had just finished working a 6 meter station in Papua New Guinea when I noticed a video sync "buzz" on 48.250. This is tentatively Malaysia as the beam heading would indicate. A few pictures (if you can call it that) came through for a minute or so. At 1800, two different carriers were noted. Although I caught the TVNZ audio on tape, using the VCR to record this is impossible because of the massive interference created by transmitting on 50 MHz at the same time. It is fun watching for video between contacts!

Lots of unids during the Quadrantids, although all meteor scatter loggings were done outside the time frame of this meteor shower.

Hope everyone caught some E skip around early January as there were many reports of E skip during this period.

January's F2 bonanza occurred during a supposedly low point for ionospheric propagation. If this is what an off month is going to be like this year - I can hardly wait to see what February-March-April brings.

73s Mike VE7SKA

William Eckberg, 1032 Sterling Road, Dixon IL 61021

CST

Equipment: See February 1992 Western TV-DX

<u>January 1992</u>				5 tr 2200	WZDX 54 AL 503	12 tr 2000	KQCT 36 IA 61
3 tr 0830	KHNE 29 NE 464			2208	WHNT 19 AL 503	15 Es 1815	KKTO 2 NM 972
1400	KXNE 19 NE 402			2235	WKSO 29 KY 405	29 tr 0500	WOIO 19 OH 401
4 tr 0125	KPOM 24 AR 513			6 tr 0120	WTTO 21 AL 582	0515	WKMU 21 KY 358
0130	KHBS 40 AR 513			0138	WMTU 16 TN 419	0540	CBLN 40 ON 419
0440	WMTU 16 TN 419			0200	WAAY 31 AL 503	0545	CBLN4 45 ON 422
0450	KTFO 41 OK 519			0205	WFXL 31 GA 758	0550	CFMT 47 ON 514
0550	KSNF 16 MO 413			0254	WCOV 20 AL 666	0555	CITY 57 ON 514
0605	KFAA 51 AR 444			0256	WZTV 17 TN 408		CITY2 31 ON 442
1350	KSAX 42 MN 404			0300	WTBS 17 GA 610		
5 tr 2130	WBMG 42 AL 582			2130	KSAX 42 MN 404		

I had my longest tropo ever to the southeast in the AM of the 6th. While watching Huntsville 31 at 0200, WFXL-31 in Albany, Georgia appeared out of nowhere. They were in 20 minutes with color bars and big ID. They are 75 miles north of Tallahassee, Florida. (I sent a picture and one of their engineers called to inquire about the particulars.) Then an hour later, Turner's WTBS-17 in Atlanta took out Nashville 17s distinctive all night slide. An exciting conclusion to 16 days of very unusual winter time tropo conditions.

After many years I've logged the KET outlet on channel 21 in Murray, Kentucky with a good quality signal. Why did this take so long at only 358 miles?

William Eckberg (continued) I am more impressed every day with my new UHF antenna system. The modest height increase, elimination of a large tree toward Ontario, installing the VHF and UHF antennas on separate towers, and replacing the 4975 with the latest RDX Labs preamplifier have combined to give me my best UHF installation ever. The results speak better than words.

KQCT repeats WQPT-24 Moline, Illinois. They are very weak here.

Michael Parks, Route 1, Box 103, Amery WI 54001

CST

Equipment:

Channel Master 1110 Quantum with Winegard PA-1375 preamplifier and RG-11U at 30', Channel Master 4228A with Winegard PA-4975 preamplifier and RG-11U at 35', Alliance HD-73-1 rotor, Channel Master 7206 HI "Q" trap, and Zenith Z1920W 19" color TV.

November 1991

6 Es 2305 KPRC 2 TX 1109  
13 tr 1858 WCHW 21 MI 306  
1915 WGI 33 MI 351  
1916 W57BJ 57 WI 221  
(Green Bay TAB)  
W68BS 68 WI 221  
(Green Bay TBN)

14 tr 0030 K49CU 49 MN 161  
(Walker KMSP- 9)

December 1991

2 Es 0323 KREM 2 WA 1196  
("Crème 2")  
1500 WDIQ 2 AL 1008  
1604 WLBT 3 MS 918  
1606 WBRZ 2 LA 1046

27 tr 1420 WQVC 35 MI 359  
1427 South Bend Us

January 1992

4 tr 1720 KMCI 38 KS 473  
KSPRT 33 MO  
8 Es 1840 KATC 3 LA 1062  
11 gw 1935 K35CY 35 MN 56  
(Minneapolis HSS)

Note - K35CY was on the air 24 hours a day through the 14th with nothing seen since, so apparently just testing.

Finally got the antennas back up October 27 - just four days before a snow storm brought an early winter by dumping two feet of snow on the area. Although this winter has shown above average conditions out to 150 miles, there hasn't been much beyond that in the way of true tropo.

With the HD-73 having been discontinued, I was delighted to discover Alliance has a virtually identical replacement model, the HD-73-1. The two major differences between the two are mostly aesthetic; the on/off switch and the azimuth indicator have been "improved." I was a bit puzzled by Eric Voytko's statement in the December VUD that the PA-4975 has been discontinued by Winegard. I replaced my preamplifier at about the same time he did, and I had no trouble in obtaining a PA-4975 as well as a PA-1375 from the same product line. When I ordered them in early October, no mention was made that they had been discontinued. They didn't appear to be from a large back stock either as the date of manufacture stamped on both boxes is 8/91.

The dreaded ValueVision shopping network has finally materialized on K07UI and W62BD in Minneapolis and is now beginning to proliferate throughout the country.

Until next time... 73, Mike

William Draeb, Ellis St., Rt. #2, Kewaunee WI 54216 (414-388-2350)

CST

Equipment: See February 1992 Western TV-DX

January started out good, but two weeks of "deep freeze" set in which killed tropo activity. It looks to be picking up slightly again though.

January 1992

4 tr 1900 WUSI 16 IL 402  
WVUT 22 IN 405  
KOCR 28 IA 280  
KSAX 42 MN 380  
K58BS 58 MN 280  
(Minneapolis TBN)  
WQPTt 24 IL  
1958 WDRB 41(IN) 437  
WKMJ 68(IN) 437  
2020 KBSI 23 MO 512  
2032 WKMT 21 KY  
WKPC 15(IN) 437  
WKPDt 29 KY  
WKMA 35 KY 499  
2040 KNLC 24 MO 432

4 tr 2040 KDNL 30 MO 432  
WEIU 51 IL 345  
2044 WKGB 53 KY 530  
WHSI 46 MO 432  
2110 KSHB 41 MO 525  
2113 KYFCT 50 MO  
KSMO 62 MO 525  
2120 KOZKt 21 MO  
KCPTt 19 MO  
KMIZ 17 MO 450  
2135 KTAJt 16 MO  
2148 WGRB 34 KY 499  
2207 KNLJt 25 MO  
2210 WBMG 42 AL 768  
WAFF 48 AL 685  
WCET 48 OH 400

4 tr 2226 WZDX 54 AL 685  
2245 WABM 68 AL 768  
WXMTt 30 TN  
unid 52 TMC  
(St. Louis hdg )  
2321 W30AL 30 IL 199  
(Piano CHA)  
WZTVt 17 TN  
2329 WTVQ 36 KY 473  
2337 WHNTt 19 AL  
W19AZ 19 ??  
(Unknown Morse ID)  
( See Note # 1 )  
2349 WFIE 14(KY) 420  
5 tr 0715 WAFF 48 AL 685  
CCI-WCET 5 bars



William Draeb (continued)

5 tr 0715				5 tr 1308	WSFJ 51 OH 395	7 tr 2106	WTVQ 36 KY 473
WBGM 42 AL 768				1320	WTTT 28 OH 395	2117	WKMA 35 KY 553
WKGB 53 KY 530					WTLK 14 GA 724		WYMT 57 KY 553
WZDX 54 AL 685					( See Note # 2 )		WDRB 41(IN) 437
K58CM 58 MN 286					WTCIt 45 TN	19 tr 0727	WDRB 41(IN) 437
(Duluth TBN)				1515	WLEX 18 KY 473	20 tr 2102	KNLC 24 MO 432
0720 WKMJt 68(IN)					WKPC 15(IN) 437		KDNL 30 MO 432
WABMt 68 AL				1526	WSBN 47 VA 587	21 tr 1830	KSAX 42 MN 380
0736 WZTVt 17 TN				1609	WDKY 56 KY 504	28 tr 2102	WTCT 45 TN 690
WTTOT 21 AL				1633	WPGHt 53 PA		WPBO 42 OH 461
WDRB 41(IN) 437				1645	WEMTt 39 TN		WDRB 41(IN) 437
0910 WJSUt 40 AL				1745	WHNT 19 AL 685		WCET 48 OH 400
WGRB 34 KY 499					unid ch 51 se		KOCR 28 IA 280
WOSU 34 OH 395					( See Note # 3 )		KSHB 41 MO 525
KNLC 24 MO 432				1808	WGGTt 48 NC		KMIZ 17 MO 450
KDNL 30 MO 432				1907	WTJPT 60 AL		KYFC 50 MO 525
WHSLt 46(MO)					CBCE 16 ON 270		KSMO 62 MO 525
WSTR 64 OH 400				2036	WUSI 16 IL 402		KCPt 19 MO
WXIX 19(OH) 400					WEIU 51 IL 345	2122	WQPT 24 IL 265
WWAT 53 OH 437				2145	WTTT 28 OH 395	2126	KSNTt 16 MO
(IDed @ 1313)					WIIQ 41 AL 833		WTJR 16 IL 365
WKON 52 KY 437				2156	( See Note # 4 )		KTAJt 16 MO
WCET 48 OH 400					WBMG 42 AL 768	2204	WKLE 46 KY 473
WCVN 54 KY 407					( See Note # 5 )		WDKY 56 KY 480
WNEO 45 OH 405					WDBBt 17 AL	2212	WBNA 21 KY 437
W33AR 33 IL 170				6 tr 1225	WPMIt 15 AL		WXIX 19(OH) 400
(Rockford WCIU-26)				Es 2115	KSAX 42 MN 380		WOSU 34 OH 395
W45AJ 45 IL 165					CJCB 4 NS 1305	2227	WKON 52 KY 437
(Rockford CHA)				7 tr 2017	unids chs 2, 3		WTVQ 36 KY 473
W62BU 62 IL 170					WPBO 42 OH 461	29 tr 0715	WKYTt 27 KY
(Rockford WWT0-35)					WCET 48 OH 400		KNLC 24 MO 432
W68BR 68 IL 170					WMSY 52 VA 618		KDNL 30 MO 432
(Rockford WCFC-38)				2106	WSBN 47 VA 587		WHSI 46(MO) 432
1030 WPBO 42 OH 461					WKPTt 22 KY	0728	WUSI 16 IL 402
					WKPTt 19 TN		

Note # 1 - The W19AZ on January 4th is a mystery. I was tuning across the dial and when I got to channel 19, I caught the last two letters of the call ("AZ") via Morse Code ID. I couldn't decipher the video as there were three or more stations mixing it up. (W19AZ is assigned to Okeechobee, Florida. fm)

Note # 2 - Solid audio ID at 1339. Heavy CCI from WPT0.

Note # 3 - Is WEKT-51 on? (Cancelled. fm)

Note # 4 - "A.P.T." ID at 2159 (audio only) followed by promo for National Geographic Special. Video also there, but heavy CCI from WDRB.

Note # 5 - Over WCLJ for the first time tonight.

About the tail end of the January 5th opening - all day closer stations were overriding Birmingham and Huntsville Us until around 2130 when closer stations suddenly became weaker and further away stuff like WBMG-42 and WIIQ-41 was allowed to come through. It's interesting how Tennessee was practically left out of the opening.

SPECIAL NOTICE TO ALL DX'ERS

THERE IS A NEW RADIO STATION IN SAN DIEGO COUNTY AND THIS DX'ER IS ADVERTISING HIS BUSINESS ON THIS NEW RADIO STATION. IF YOU SEND ME A CASSETTE TAPE WITH A COPY OF MY PSA I WILL VERIFY THAT YOU HEARD IT. NOTE: I AM NOT AN EMPLOYEE OF THE STATION AND CANNOT VERIFY YOUR ACTUAL RECEPTION OF THE STATION. YOU WILL STILL HAVE TO WRITE DIRECTLY TO THE STATION FOR THAT. THE STATION IS ON FM AT 100.1 AND IS KBNN JULIAN/RAMONA. THEY USE THE FOLLOWING SLOGAN -- "KABIN' 100.1 FM". SEND YOUR TAPE DIRECTLY TO ME: ALBERT S. LOBEL, POST OFFICE BOX 26762, SAN DIEGO CA 92196-0000. BE SURE TO INCLUDE A STAMP FOR YOUR LETTER AND IF YOU WANT YOUR TAPE RETURNED PROPER POSTAGE FOR IT. NO ENVELOPE IS NECESSARY.

ALBERT S. LOBEL

# EASTERN TV-DX

Bill Nienajadly  
PO Box 2999  
Clifton NJ 07015-2999  
1-201-478-3044  
no collect calls

MARCH 1992

Log cut off 3 months

Deadline 4/5/92

Some more reports of the super tropo during the last week of 1991. Mike Reid of North York Ontario reports reception of KVRN ch 15 in Fargo ND at a breathtaking 820 miles! Mike also logged KSAX ch 42 out in Minnesota. Jeff Wolf of MD reports THREE E-Skip dates in January 1992, they were Jan, 4, 6 & 7. But Matt Sittel reports ES to FM (briefly) on Jan, 5th! On January 29th & 30th there was really decent tropo in the TN & Ohio areas with stuff out to 565 miles, with Tom Bryant in TN logging WCMV 27 MI, Tom went on to say it was his biggest month ever for new loggings! With all the great tropo and FOUR reported ES dates in January, one would think this ETVDX edition is covering late May, not Wintery January!

Those wishing to mention reception of Amateur TV stations may do so in your comments. Last year or so in ETVDX Keith Pugh wrote in about ATV and how we can view it. And again in the Feb, VUD it was talked about. Perhaps ATV can be a good probagation indicator for tropo ducting! If ATV DXing takes off, we might start a separate page.

One other headline item. The mobile scanner law has been repealed in New Jersey, this means you can carry your scanner in your vehicle and monitor the MUF (among other things), you can listen to low band and listen during ES season the MUF rising into the TV & FM bands, this will give that extra 'edge' for VHF DXing... NOW TO THE DX!

Jeff Wolf 1131 University Blvd W Apt 701 Silver Springs MD 20902

Corrections to the January 1992 VUD report: dates listed as August should be September, the UHF antenna listed as twin lead bowtie, is a twin lead bowtie "Golden-U" by Radio Shack, catalog # 15-623 and TV is a Daytron. (Jeff, did I screw up your report? If I did, let me know-BN) ALL JANUARY 1992 ESkip except for WUNP

4 ES 1256 UNID 2- cci	6 ES 2309 MUF 3	7 ES 0030 KGFE 2 ND?	7 ES 0110 fade outs
1353 MUF 3	7 ES 0007 UNID 2-,2- PBS	0059 UNID 2+	9 Tr 2330 WUNP 36 NC
1500 MUF 2			

Matt Sittel PO Box 21451 Raleigh NC 27607

From Raleigh NC: 1/8/92 Tr 2320 WTAT 24 SC 200 :(Matt, this was separate from your Kingsport loggings, Raleigh?-BN)

FROM KINGSFORT TN JANUARY 5:1992 ES

1228 KBTX 3 TX 877	1229 KPRC 2 TX 888	1430 KIMD 2 TX 1165	Some Nice Skip noted 1/5. My Mom tipped me off; she said "WHAT'S WRONG WITH 2" Trying to watch PBS (WSJK). My ears perked up, and when I checked it out, I saw WSJK being destroyed by cci (Awww!!!), and strong skip through 6! It did peak in FM briefly. No good tropo in Raleigh, though. 73's Matt.
1229 KMOL 4 TX 1037	1230 KIII 3 TX 1069	1600 KENW 3 NM 1210	

Robert Ross (VE3 JFC) Box 1003, STN B London Ontario N6A 5K1 Toshiba portable, UHF Flying arrow, VHF-FM Beam

(See notes at the end of report-BN)

ALL December 28:1991 Tropo except Dec 29 Tr of WEYI 25 MI

1540 WJTR 20 NY	1650 WXXI 21 NY	1758 WCON 24 NY	
1545 WMTV 9 MI	1703 CBCE 16 ON	1838 CICA 38 ON	2259 WCFE 31 NY-nt # 2
1555 WQMA 6 MI-nt 1	1720 WNPJ 18 NY	1930 CIVO 30 PQ	2045 WEYI 25 MI -(logged on 12/29/91-BN)
1624 CBLFT12-44 ON	1735 CBLFT 15 ON	1942 CBOT 5 ON	

Note #1 PBS prg-"Computer Chronicles-spot for buisness in Midland, MICH. Multi city ID-OVER GLOBAL TV!!

Note #2 WCFE-ID Plattsburgh NY-on screen -adv-for CJAD 800-stereo in Montreal. This station is actually on Ch 57.

The Woodstock, ONT translator for CITY-TV picked up this signal instead of CITY-TV in Toronto-Weird!!

George Greene 1527 Sunset Ave Akron Ohio 44301- Admiral b/w TV 1978, UHF antenna @ 30' AG

\*\*\*\*\*NEW REPORTER\*\*\*\*\*

ALL TROPo JAN 30th 1992

0040 W 36 KY 0050 WKLY 32 KY 0054 WDRB 41 KY 0059 WEHT 25 IN

A decent night for tropo, also on the FM dials....could use more of this type of reception in the winter, heh. Lots of unids all over the UHF band....wish I had a good TV log to have a better idea of what I'm seeing, hi 73

Saul Chemos PO Box 801 Peterborough ON K9J 7A2 (705) 741-4557 From Orillia, a wrap up report;

11/6/91 ES 2100 MDIQ 2 AL

11/18/91 Tr 000 WMTI 50 NY

Comments: really not a lot to say. The tropo was terrible this past fall. It just wasn't there, in fact. I've moved to a better job and am living in downtown Peterborough in a rowhouse. Conditions aren't going to be great. Another local cable company is about to be asked to clean up their @#%ing (leakage) act. I'm close to Burnt River, again, but in the other direction. That'll be fun. Please note my new address and phone number. 73's Saul



Doug Smith 14 Brookside Court, Nashville TN 37209-4503 Sears 19" tabletop, rabbit ears, RS corner reflector @ 6 ft

JANUARY 1992 Loggings

6 Tr 2130 WBMG 42 AL 177      6 Tr 2130 WTJP 60 AL 157      6 Tr 2225 WHSG 63 GA 241      29 Tr WICS 20 IL 296t  
WTTQ 21 AL 177      2200 WTLK 14 GA 162      2300 UNID 28 see note # 1      See note # 2

Note # 1 3/4 cb w/ID & some other info supered at bottom. Un fortunately, only legible part was "28". WJSP-GA ?  
Note # 2 Tail end of an opening in which Tom (Bryant-BN) had Michigan. Weak in CCI with EPT ad.

Thanks to Tom Bryant for tipping me off to the Jan. 6 (and 29) opening, which bought one new TV and several decent relogs. (Some of the strongest Birmingham ever) I think there was Es that evening too (Sure was-BN), as I had CCI on local WKRN-2 & Tom said he saw something that looked Es-ish on 3 too.

(Keep up the great job with the TV News column, really is informative!-BN)

Tom Bryant 849 Todd Pries Dr. Nashville TN 37221 (See past ETVDX columns for equipment-BN) Total now 312

December 1991

29 MS 0215 UNID 2 HSN (KSNC ?)      29 0259 UNID 2 3/4 cb      30 0052 KDNL 30 MO 258      30 0100 KNLC 24 MO 257

January 1992

4 Tr Many hi-V & U relogs-KY, MO, MS&AL	5 Tr 1829 WPBA 30 GA 211 2048 WLTZ 38 GA 272	29 Tr 1630 WHSL 46 MO 256 (IL) 1659 WYCC 20 IL 407	29 Tr 2018 WKBD 50 MI 484 2030 WTVS 56 MI 484
5 Tr 0159 KCRG 13 MO 339 0251 WBUY 40 MS 173	2059 WGTQ 43 AL 308 2141 WHSG 63 GA 211	1659 WCUT 26 IL 405 1930 WNDU 16 IN 386	2034 WXON 20 MI 484 2059 WFWA 30 IL 362
0259 WDBO 40 MS 323 0314 KNLC 25 MO 339	6 Tr 0025 WGBE 30 MS 275 15 ES 1800-1845 cci MUF 2	1930 WNDU 16 IN 386 1930 WNDU 28 IN 387	2127 WETU 51 IL 248 2159 WYIN 56 IN 368
1130 WCLP 18 GA 151 1159 WJSP 28 GA 252	29 Tr 1159 WICS 20 IL 295 1400 WICD 15 IL 284	1932 WSBT 22 IN 387 1959 WNIW 34 IN 386	2200 WBGU 27 OH 387 2205 WUPW 36 OH 430
1829 WATL 36 GA 211 1829 WGNX 46 GA 211	1600 WTCU 27 IL 158 1615 WCCU 27 IL 300	1959 WHME 46 IN 386 2002 WTTK 29 IN 296	2213 WEYI 25 MI 523 2230 WZBAI IL 178
		2011 WSYM 47 MI 460 2159 WQOW 27 MI 565	2259 ACT 45 MO 175 2259 KOKZ 21 MO 345

Comments: December was hardly worth repeating. However Doug

Smith tells me that I missed a good opening the week I was vacationing in XHMZ-land !

(Tom how about XHIT-land-BN) Oh well, I did get to see some Mexican TV: and found out more about 'ECO' which I'll pass along to Matt's CCI & UNID's column. With the

exception of a few days, January was deadsville....but 00000000H, those days things were hopping were fantastic!

Very few relogs here..those that do appear are rare (or semi-rare) occurrences. Just a couple of notes...the MI loggings were my first U's from that state...50 was s/f for a short time. Thanx to Ed Phelps for help on IDing W2BAI in Salem IL. He thinks it's owned by 'Three Angels Broadcasting' (who are they?? Jim, Tammy Faye and Brother Henry??) (Ed Comment; Er, how about Moe, Larry & Curley or 3 Angels from the baseball team out in California?--BN)

I didn't get the legal call of 45 in Cape Girardeau, MO but they ID as "ACT-45" (religious format). Tom

IT WAS MY BIGGEST MONTH EVER FOR NEW LOGGINGS...THANKS AGAIN TO DOUG ALLEN FOR THE ANTENNA ADVICE! Goodxing to all!

Mike Reid 1408-65 Spring Garden Ave North York ON M2N 6H9

19" Zeith b&w (1977) ICOM R7000, AC-4990  
Radio Shack two-bay on 14th floor

ALL DECEMBER 1991 Tropo

27 2100 Pittsburgh 16-22-53 CBOT5 33 ON	27 2217 WCFC 38 IL 2224 WFFT 55 IN 2237 KSAX 42 MN --nt # 1	28 0030 KVRN 15 ND --NT # 3 WT4AH NY Binghamton TBN	28 0406 WICD 15 IL 0407 WNDU 16 IN
2105 WLEF 36 WI WFWA 39 IN	2310 WMTV 15 WI 2310 WHA 21 WI	0035 WETM 18 NY 0050 CFKS 30 PQ	0850 WOLB 20 OH 0855 WLEF 36 WI
2112 WYOU 22 PA 2114 CIVO 33 PQ	2335 WXTN 59 IN 2337 W65AJ NY	0052 WKGZ 32 WI --nt # 4 0053 KRIN 32 IA	0900 WTSF 61 KY 0910 WQUC 44 OH
2118 WVIA 44 PA 2120 WHSE 60 IL	2345 WOSU 34 OH WGBA 26 WI	0133 WHRM 20 WI 0200 WDLI 17 OH	0934 WSFJ 51 OH 0947 WQXA 23 NY
2127 W62AN NY Nedrow WCNV	WCCC 23 IN-t 2350 WJMT 52 NJ	0202 W65AJ NY (W/MDLI)	1017 W6QAD NY Savona with WSKG---
2150 WKUG 33 IN	2358 WMMT 17 NY --nt # 2	0350 W54AR WI --nt # 5 Fence w/WCPC	

Notes;

1-ABC 42z w/mentions of "ch 5" and references to Minneapolis. Definitely got my attention. Satellite of KSTP-5.

My all time UHF distance record for about two hours. QSL'ed.

2-Shows this opening was going in several directions at once.

3-Fox 15- . A lot of Fox promos and local ads. Heard 'downtown Fargo' in several. I had joked about getting this far out earlier in the evening. New all time UHF distance record (about 820 miles) & station # 600 as well. QSL'ed.

Mike Reid returns from the last page

4-Both 32's in at the same time, WXGZ+, KRIN-.

5-Normally a WPNE-38 translator. It is known to repeat WDFC when WPNE is off and according to Frank Merrill this is the only way that WDFC could be seen on ch 54.

Did I really want this opening? Not really, (Gasp!-BN) I had been out and intended to pack for the trip to Florida when I got back. Checked the tropo due to warm evening and saw a lot of Pittsburgh, N.E. Ohio, S.W. Ont, Elmira Wingham, etc. Thought I quickly note this and get on with packing. Until I hit ch 36 and saw a non zero beat, which is a sign of something good. Checked the Icon and found a PBS 36+. For a while I thought it was Oakland, MD until Wisconsin mentions came along. Spent my time divided between Dxing and packing, doing injustice to both. Got away late the next day because of the tropo and had about 2 hrs. sleep. Tropo still going strong.

From now on there is no difference between my UHF distance records for Toronto as a whole, and this location. I wondered if this would happen. My two-bay has out performed my 5' dish at the old house twice. (Could elevation at this location be a major factor?-BN)

I suspect this opening was due to the "El Nino" effect. Past "El Nino" winters have been quite good for late fall and winter tropo. From this location, upper MI FM's like WCPN-90.5, WAIR-92.5 and WML-91.7 have been in often. I have wondered why I don't get more in this direction. It is interesting to note that Fence and Fargo are on the extension of this path, so obviously a good direction.

In other news, I believe my un-id ch. 15 "beep-tone" from my last report was CBCQ1, again. Frank Merrill confirms that CBC-North (Atlantic feed) does run such a tone. Little current 16 does have a minus offset, so correct the list in the Nov. report. 73's Mike

Christopher S Dunne 21541 NW 8 Ct Box 81 Pembroke Pines FL 33029 -Sony Trinitron 9" TV, Teknika tuner, RS 6 el FM

11/12/91 Tr 0730 WKCF 18 FL 175 new ch (from 68)	1/ 6/92 Tr 0500 ---t 13 FL 110 See note # 2	1/ 7/92 Tr 0030 W50-- FL 100 //WFLX-29
12/19/91 Tr 0345 ---t 13 FL 110 see note # 1	2350 W16-- FL 145 Palm Bay//MESH-2	0030 WJEB 59 FL 300-t see note # 3
		1/16/92 Tr 0500 ---t 13 FL 110 see note # 4

Notes: # 1 TV MARTI-very tentative. Man in suit & necktie, possibly reading news. Unwatchable reception. Could've been CNN Head Line news via WTVT also

# 2 TV MARTI- this time, more likely. Word on screen looked like "Enfoque". Marti does have a show with that title. I'm counting on it, but I'll keep trying if conditions are better& I'm awake that time of the morning.

# 3 TBN, other possible Jacksonville 17/47 also in. Is this full power now?

# 4 TV MARTI (no, you're not getting deja vu)- this time I'm 95% sure. Was running a western until 0430, news feature until 5.

Don't let the 110 mile distance fool ya. TV Marti is mega-directional, for obvious reasons. From the area that thier balloon is stationed (from terra firma, that is), it's only visible from on TV for about a five mile radius.

How do I know that ? See below.

EXPEDITION FROM SUGARLOAF & CUJOE KEYS, FL-1/18/92

ES 1700 UNID 2 SS ??  
Maybe XHRI0

ES 1900 UNID 3 ??  
Tampico Mex FM's in

Tr eve CV-- 3 & 6 CUBA  
CUBA VISION // 9

I am looking for WTFDA contacts in the Keys, South Central TX & Latin America. I am trying to keep abreast of the DX scene in these areas. Any help would make me say muchas gracias. Setenta Y tres Chris

Dave Nieman 12284 Nice Road Akron, NY 14001-9529

Dec. 1991  
30 Tr 1930 WJTV 9 MI 350  
31 Tr 0930 WLUP 10 MI 348  
Jan. 1992  
1 Tr 1031 WKAR 23 MI 299  
7ES 0000 KATA 3 SD 1235

Jan. 1992  
7 ES 0001 KMTV 3 NE 901  
0001 KLVN 3 NE 1091  
0030 KDLD 3 SD 955  
1101 KSNW 3 KS 1058  
1202 KFDX 3 TX 1246

Jan. 1992  
22 Tr 0839 WJNS 23 NJ 294  
NJ Net. CB test pattern  
0843 WJNT 52 NJ 271  
NJ Net. CB test pattern  
28 Tr 0900 WMP22 MD 291

Another slow DX period. Dave

Field Guide to ETVDX

ES-E-Skip	F2-F2 Skip	TBN-Trinity Broadcasting Net	s/f-snow free	//-parallel to
MS-Meteor Scatter	AU-Aurora	VJN-Video Juke Box	ns/f-near snow free	tent-tentative
Tr-Tropo	AE-Aurora induced skip	xltr-Translator	exc-excellent	\$-Stereo

General Guidelines; You submit any logging format as you like, if it is typewritten ready, I might use it as is, if I have space & it follows the general ETVDX format. You can use KM or Miles, but not both, If in KM, say so.

No minimum mileage requirements, stuff gets common, I edit it out, applies to tropo only. Comments at end of report are rarely, if ever edited down if it applies to DX, station changes, status, equipment, Dxing in general, you know

what I mean. Comments are important just as the loggings themselves. Those are my simple guidelines-BN



# NORTHERN FM-DX

GREG CONGLIO  
5100 GLENWOOD DRIVE  
WILLIAMSVILLE, NEW YORK 14221

For DXers in: MA, NH, VT, CT, MA, RI, NY, PA, NJ, OH, MI, IN, IL, WI, MN, IA, NE, SD, ND, MT, WY, ID, WA, OR, AK, Canada  
**MARCH 1992** **LOG CUTOFF: 2 mos. from you mailed** **DEADLINE: The 5th**

Some good trop near the end of 1991 were noted by some, plus there have been numerous off season E-skip openings. Let's hear from you!! There are some interesting comments included in this month's NFM about phasing; you will want to check them out. Plus Dan Oetting notes many low power advertising stations popping up around his home; has anyone else noted this? Also, a column note: I am phasing out unIDs in this column-they should be sent to MATT SITTEL who is doing the unIDs CCI column now. Thank you for your co-operation. Also, I have been lenient in enforcing the log cutoff since it is the offseason, but once the summer season's big columns roll around, I will ask that you please send in your DX within 2 months of your postmark. And now, on to your DX!.....

Bill Nienajadly PO Box 2999 Clifton NJ 07015-2999

1/ 3/92 MS

1848 WHTK 99.7 SC Port Royal "....Hit Radio (announcer says) Jesus Jones!....WHTK.." 23 sec into song  
1944 UNID 99.7 ?? ?? "...12 in a row, making the way for Katey (?), get me off with a good start  
on a Friday night, Sid here, just about to get on out of here.." 8 sec

1/ 6/92 GW/TRS

2048 WBMW 106.5 CT Ledyard Stereo, VERY WEAK here, they run NESN a/c at nites. new on air  
1/12/92--Installed another 6 Element ant & another rotor

1/14/92 -Phase box arrived today-Louisey conditions out, cx near dead GW/TRS/PHS  
Thru

1/19/92 Composite listings.....With new set-up, 2-Radio Shack FM only antennas and 2 separate rotors

WSUL 98.3 Monticello NY last heard in 1985 at 80 mi, also WDAQ 98.3 Danbury CT 55 mi second time logged  
VS ...Strong semi WKJY Hempstead NY 22 mi and WMGQ New Brunswick NJ, very impressive. Normally WKJY & WMGQ dominate.

WHCN 105.9 Hartford CT only comes in on very strong NE tropo VS...Local WMMK Newark (really in NYC), had bits & pcs of WHCN, just barely there but very impressive under dead cx!

CHTZ 97.7 St Catherines VS ..WCZX Hyde Park NY usually dominates North & North West ant bearings, WCZX gone!  
Also Conn pests WRCH 100.5 & WKCI 101.3 clog respective channels for DX as these come off the back even with the antenna pointed to the West at times. With WRCH & WKCI nulled I can get no more CCI on 100.5 enabling me to hear WYOR Rochester NY and WGBI Scranton PA fading in & out. Nice! Also can null WRFY 102.5 in Reading PA to get a clear empty 102.5 to the Northwest and hear WMJQ fading in from Buffalo NY 275 miles occasionally. On NYC locals, well what did you expect? I can't null them out at 12 miles, but a few of them I can get a bit of a signal reduction, probably enough to get maybe some tropo over the locals and very likely E-skip too.  
Ooops, before I forget, there was a E-Skip opening on 1/20/92 at 1705-1745 with a MUF at or near ch 6!

Comments on the phase box. It is worth the asking price of \$145.00. It has some nice features like you can not only null out pests, but you can bring in them clearer with less fading. I'm very impressed on what phasing in general can do. Phasing itself is not new. It has been in use in the CATV industry for years! A WIFDA member sent a copy of a couple of pages from the CATJ (a catv journal/trade magazine) dated, get this from 1974! Phasing is not new, but the phase-box is. Andy Bolin has a excellent 7 page write-up on the phase-box, send him a SASE for write up, he explains in depth all about phasing in general too! I think phasing is not a total cure -all but rather another still another important tool for FM Dxing. More later when the tropo are up. Goodxing! Bill!

## GEORGE GREENE - 1527 SUNSET AVE. - AKRON, OHIO 44301

Equipment: McIntosh MR78 tuner, Stereo Probe 9 approx 35' above ground, new underlined

JANUARY 1992 DX

6GW

1740 WWCDD 101.1 OH Grove City, modern CD101  
right thru WHOT-FM, called to confirm

29 Tr

2225 WHOK 95.5 OH Lancaster, k o/local WCLV

2228 WAJI 95.1 IN Fort Wayne, very strong  
signal with no WQMX slop, mostly oldies

2230 WCOL 92.3 OH Columbus, oldies, Kool 92  
best signal in awhile over local WJMO-FM

2325 WEEC 100.7 OH Springfield, religious  
programming heard in WMMS null

JANUARY 30 Tr

0015 WMDH 102.5 IN New Castle, country music  
strong signal instead of usual weak reception.

0018 WFTU 103.7 IN Bloomington, w/classical  
and no sign of usual Erie station.0020

WYMI 103.9 OH Beavercreek-Oldies 104  
with oldies format on Alan Michaels all night show  
now a fairly easy catch with WBBY off the air

0024 WUBE 105.1 OH Cincinnati, "B105" and  
country music right thru local WQXX

Others of note that same 29/30th evening include WQLK-96.1-Richmond, WMEE-97.3-Ft.Wayne, and very strong WPIG-Olean-95.7. Yeah, only a couple days worth of loggings here, but figured I'd mention these now since it's the first good tropo cx in awhile around here, hi. TV rather interesting, too, and will be mentioned in Bill's column.

73.

MICHAEL HAWK - 10212 P ST - OMAHA, NE 68127-2130 (402) 592-1186

Equipment: Kenwood RT-815 IF mod., Archer 6 element up 30' fed with RG-6 75 ohm coax.

JANUARY 1992 DX3 Tr (CDT)

1144 KTSB 93.9 IA Sioux Center  
 1300 KLVN 95.9 IA Newton, oldies  
3 MS  
 1457 WHFS 99.1 MD Annapolis, ID  
 1459 WHKO 99.1 OH Dayton, "Dayton, Spring field, K-99.1"  
 1500 WFMK 99.1 MI E. Lansing, "Lansing's home of lite rock and less talk."  
 1534 WFRO 99.1 OH Fremont, Fremont cable-vision ad, weather.  
 1538 KCLV 99.1 NM Clovis, "KCLV, Country 99."  
 1603 WCOB 97.5 SC Columbia, traffic report

3 CW

2151 KLSN 98.9 IA Jefferson, The new 98.9 AC music.

4 MS

0140 WZFXt 99.1 NC Whiteville, weather, mentions of NC cities then " and ?? in ???ville"

4 Tr

1247 KKUZ 102.5 MO Joplin, Z-103  
 1300 KGND 107.5 OK Ketchum, K-Grand  
 1306 KYQQ 106.5 KS Arkansas City, Q-106.5  
 1409 KMOD 97.5 OK Tulsa, 97.5 KMOD  
 1415 KSDB 91.9 KS Manhattan, Women's K-State basketball  
 1538 KTXR 101.3 MO Springfield, SMSU basketball  
 1653 KOLA 103.9 KS Ogden, Q-104  
 1800 KJPW 102.3 MO Waynesville, k

6 Tr

1754 XHMW 102.3 TM Nuevo Laredo  
 1757 XHJD 98.9 NL Monterrey  
 1800 XHRL 98.1 NL Monterrey, Nuclear Radio Monterrey  
 1801 XHNL 97.1 TM Nuevo Laredo, full ID  
 1803 KOYE 94.9 TX Laredo, Y-95  
 1804 KHOY 88.3 TX Laredo, EE and SS ID  
 1805 XHRK 95.7 NL Monterrey, XH-Rica  
 1810 KENL 89.9 TX Laredo  
 1811 XHXL 91.7 NL Monterrey, 91 Estereo  
 1818 XHSAB 89.5 NL Sabinas Hidalgo, mono, strong but audio was scratchy & weak  
 1820 KELT 94.5 TX Harlingen, K-Light  
 1822 KAYDt 97.5 TX Beaumont, k, K-D ID  
 1829 KCTM 103.1 TX Rio Grande City,

10 GW

1615 KFGE 105.3 NE Lincoln, testing w/ satellite feed, \$

11 Tr

0839 KZXL 107.9 KS Great Bend, New Z-108  
 1037 KRKS 102.9 KS Hutchinson Cntry 102.9  
 1150 KSKU 106.1 KS Lyons

12 MS

1432 WCRZ 107.9 MI Flint, WCR's

13 TrS

1545 KDPS 88.1 IA Des Moines, HS stn

14 TrS

1439 KDHX 88.1 MO St Louis

20 Tr (KXRT-103.7 off air)

0025 KUUL 103.7 IA Davenport, Cool FM

0036 KRRO 103.7 SD Sioux Falls, Crow FM

Who would have thought my best e-skip opening since I began FM DX'ing in May-91 would be on January 6? MUF hit 107.9 and stayed there for at least 10 minutes. I had 13 new ones out of it, with many SS unIDs. I hope others caught this great mid-winter opening. Tropo lately has also been very good. The 12/21 opening reported last issue was the best that I've heard. The 1/4 opening was my first into OK, so most of the stations heard were new, except for a couple heard with TrS before. The meteor scatter was very impressive. On the 3rd, the meteors were coming in nearly constantly around 1500. In the time from 1457-1500, I logged 3 new stations in 3 new states, in only 3 minutes! This was the first shower that I used a cassette recorder to help out. Out of the 7 loggings, I would only have had 4 without the tape deck. The FM-10 just arrived today (1/29), and I hope to put it up this weekend. I'll let you know how it works next month. Totals now for 9 months of DX'ing FM is 294 with 23 states, 1 province and 2 Mexican states. 73's

**COLUMN NOTES-** Part of my "Reid Guide to Northern FM DX" did not turn out as clear as I'd hoped so I will explain it further. When you log a station for the first time, underline it: WKXX. States and frequencies can also be underlined if it is a first for them too. If you have heard the station before, but on a different propagation mode (ex: you hear a station on meteor scatter that you previously heard on skip), underline it dashed: KPWR. If you log a station with new call letters, it goes in brackets, such as [WORD]. A tentative logging typically has a "t" after it, such as WMJQt. Because the CCI unID aids column has been started up again, by Matt Sittel, I am no longer printing unIDs, unless I can personally identify it, or if it is something very unusual or humorous. A reference that is very handy for DX'ing the FM band is Bruce Elving's FM Atlas. If you do not have one, I highly recommend it. Here are some more abbreviations that are used that were not covered last month:

\$ = stereo signal  
 nx = news  
 wx = weather  
 cx = conditions  
 legal ID = official stn identification  
 with calls + city of license

FF = French language  
 SS = Spanish language  
 EE = English language  
 jx = jingle  
 TC = time check  
 o/ = over, w/ = with



## JEFF FALCONER - BOX 63 - CLINTON, ONTARIO N0M 1L0

Equipment: Magnum Dynalab FT-101A, Probe 9 at 27' with rotor, RG-11 leadin, Magnum Dynalab amp

## NOVEMBER 1991 DX

25 TrS  
1402 WLZZ 104.5 OH Montpelier, k\$, Wheels  
Country, mixing with WSNX 218

26 MS  
0143 KKYK 103.7 AR Little Rock, ".KKY." 848

## DECEMBER 1991 DX

2 ES MUF 102.3

1600 WMBV 91.9 AL Dixons Mills, g\$, ID 862

1607 WZEW 92.1 AL Fairhope, rp\$, 92 Zoo 966

1615 WMEZ 94.1 FL Pensacola, rm\$ 961

1616 WAVH 96.1 AL Mobile, ro\$, The  
Gulf Coast Wave 956

1617 WABB 97.5 AL Mobile, r\$, ID 956

1623 WQID 93.7 MS Biloxi, ads\$, 94QID 978

1634 KAJA 97.3 TX San Antonio, k\$, KJ 1353

1640 KNFM 92.3 TX Midland, k\$, ID 1377

1647 WAKW 93.3 OH Cincinnati, g\$,

Majesty 93, Es induced backscatter? 347

1641 KLAJ 97.5 OK Durant, ads\$ 1050

1654 KLRX 97.9 TX Dallas, ads\$ 1130

1700 KVET 98.1 TX Austin, k\$, K-Vet 1279

1702 KLTD 98.9 TX Lampasas, ro\$ 1271

1707 KPEZ 102.3 TX Austin, ads\$ 1279

1806 KTXQ 92.1 TX Devine, k\$, Big Tex

Does it use this no ID?

1814 KLIL 92.1 LA Moreauville, ro\$, ID 1042

1816 unID 93.5 LA unID with LA news with

audio from unID TV station. Only 2 possible

1821 KRIO 94.1 TX Floresville, k\$, K-Rio

Last heard as KWCB on 94.3 1370

1829 KJEF 92.9 LA Jennings, k\$, ID

mentioned 50,000 watts 1119

2 TrS

1900 WCSR 92.1 MI Hillsdale, ID, local nx

heard while listening to Es fadeouts 202

3 TrS

0332 CBCPt 93.5 ON Peterborough, believe

this is station with open carrier all night

after local CBBL signs off.

3 MS

0403 CKSB7t 93.5 ON Kenora, bursts of CBC

French net, MONO, likely this, // CJBC-4.

4 MS

0312 WOKQ 97.5 NH Dover, "Here's Clint

Black on WOKQ..."k\$, STATE 38 540

0403 unID 99.1 "Here are the Rhode Is.

Lottery Results..." (WPLM likely-gc)

5 MS

0123 KMAG 99.1 AR Fort Smith, "KMAG 99.1

thanking you for..." 887

0715 KKJQ 97.3 KS Garden City, Q97FM1082

## DECEMBER 6 MS

0453 WQJK 99.1 FL Jacksonville, calls

previously by e-skip 919

0735 KRDnt 94.1 SD Aberdeen, on Hwy 12

0754 KRNA 93.9 IA Iowa City, "In

downtown Iowa City" 517

## 6 MS/TrS

0303 KLLZ 99.1 MN Walker, "on the all

new KLZ". Last heard as KLLR 99.3, MS 687

0402 WMYX 99.1 WI Milwaukee, r\$, ID 324

0500 [WKLZ] 98.9 MI Potoskey, r\$, Double Rock

KLT is // WKL 97.5, ex: WJML 209

1951 WPHP 91.9 WV Wheeling, Christmas mx

MONO. Sounded like a Tourist Info Station,

giving directions to the Festival of Lights display

between songs, 100 watts. Interference from

unID ES stations (ES on ch 2 and 3) at time.243

## 9 TrS

1521 [WTCF] 100.5 MI Carrollton, r\$, The Tri City

Fox, strict with legal ID at 1551. ID with

Saginaw, Bay City, Carrollton, Ex WPKP 120

## 10 TrS

0318 WJSat 93.5 PA Jersey Shore, perhaps

the one with g, MONO, antenna that way.

## 13 MS

0118 WVOD 99.1 NC Manteo, "...on 99 WVOD."

0354 WMEE 97.3 IN Fort Wayne, calls. Dual

mode reception. Was in on weak TrS barely

audible, but pinned needle on bursts. 256

0539 KMDL 97.3 LA Kaplan, call, prev Es 1116

0553 WRTot 98.3 FL Goulds, bits of Latin

mx, Spanish talk 1230

0635 WYKT 98.3 SC Kingstree, "of Kingstree

is proud to be a part of industry in Williamsburg

County..." 687

0653 WAGH 98.3 AL Ft. Mitchell,

"...GH, Magic 98..." 799

0700 CBAL 98.3 NB Moncton, presumed

station with French talk 831

0729 CIRQ 99.7 PQ St. Georges de Beauce

FF talk into FF C&W mx, 45 seconds! 576

0758 WNDS 98.3 KY Bowling Green, "Hot

FM 98.3, Bowling Green, it's almost 7 o'clock" 527

## 14 MS

0655 WMC 99.7 TN Memphis, "At the

??? Mall of Memphis on..." 732

0800 KFMZ 98.3 MO Columbia, "...98.3

FM, KFMZ Columbia-Jefferson City" 654

## 20 TrS

0522 WGRT 102.3 MI Port Huron, ro\$, new stn 75

(Jeff, this is the last page I have from you, but it says "continued". Did a page get lost somewhere on this side or over there?—gc). **STATION NEWS:** In San Diego, 94.9 is now KBZS, with a slogan of "K-Best 95" and an oldies format. In Utah, 107.9 is now KZQQ and SMN Z-Rock heavy metal format. Back east, WKGG 102.7 Cape Vincent, NY is on the air. They are simulcasting WTOJ 103.1 Carthage-Watertown. WKGG IDs with Kingston. They are both known as "Lite Rock 103" and obviously an adult contemporary format. They also runs Syracuse University Basketball games. Down in Florida, WAXY 105.9 is to go to an oldies format, while WHQT 105.1 is reportedly going more towards a mainstream top 40 format. Other expected changes: WPVR 94.9 Roanoke to soft a/c on February 1, and WAVA 105.1 Arlington-Washington may go religious in February, with 100.3 DC to possibly change formats.

BILL NOLLMAN - 35 NYE ROAD - GLASTONBURY, CONNECTICUT 06033

(203) 633-2490, Carver TX11A with individually switched IF filters 250 or 280/110 khz (5 filters switched in any order). Sony analog tuner 3-180 khz others stock. Channel Master Stereo Probe 9 in attic

AUGUST 19, 1991 TrS

LOCAL 104.9 off during Hurricane Bob!

1550 WLKZ 104.9 NH Wolfeboro 150

1800 WRDR 104.9 NJ Egg Harbor 170

SEPTEMBER 14, 1991 TrS

1213 WQKZ 98.5 NY Catskill, Z-98.5 75

1323 CHEQ 101.1 ON Smiths Falls 300

Q-Country 101

OCTOBER 24, 1991 Super Tropo

1850 WYOU 97.1 ME Bangor

1900 WQSS 102.5 ME Camden, Coast 102.5 240

1902 WQCB 106.5 ME Brewer, Q106.5 280

1910 WKIT 100.3 ME Brewer, K100 280

1925 WHMX 105.7 ME Lincoln, Hot Mix 106 324

NOVEMBER 7, 1991 GW

0500 WMNR 88.1 CT Monroe, sign on

with local WESU off the air 40

NOVEMBER 10, 1991 MS

1527 WHTK 99.7 SC Port Royal, calls 780

NOVEMBER 14, 1991 Tr

1930 WKSJ 102.7 NH Petersburg-easy to ID 190

DECEMBER 1991 DX2 Es

1618 KARQ 92.1 AR Ashdown 1300

1647 KEOM 88.3 TX Mesquite 1425

1650 KCBI 90.9 TX Dallas 1450

1652 KERA 90.1 TX Dallas 1450

1657 KODZ 94.9 TX Arlington 1450

1700 KPLX 99.5 TX Fort Worth 1475

Wow-never had so many IDs in the ed band in so short a time-much less from Texas!!

(Bill also mentions that WBMW 106.5 in Ledyard, CT is on the air as of 1/92, with poor audio, and an OK signal. Satellite format same as WVIP 106.3 Mount Kisco, and slogan of Mix 106.5 WBMW. He also mentions that WILI-98.3-CT is now running satellite "City FM". Thanks Bill-gc)

ED NOTE: Doug Smith writes to let us know that his October 23, 1991 DX, reported in this column recently, was done from a Newburgh, NY motel room. Thanks Doug!

RICHARD K. SHAFTAN - 39 OLD MIDDLETOWN RD. - ROCKAWAY, NJ 07866

(201) 586-3563, Beeper for DX: (201) 955-4256. Equipment: Realistic STA-2280 with 3 110 khz filters, Channel Master 20 ele. TV phased with two Radio Shack FM outdoor Antennas stacked. (In car: Kenwood KRC-430 with 2 110 khz filters). Revised as of Jan.25, antennas stacked 7 feet apart 30'AGL thru 3 variable attenuators, a phase tilter and a RS "Variable Interference Eliminator". Both antennas are run thru mast amps

NOVEMBER 1991 DX14 TrS-MS

1622 WKLI 100.9 NY Albany, ID in car in Randolph

2245 CRO 99.7 PQ Ste. Georges de Beause, FF

2309 WPIG 95.7 NY Olean, United Way of Olean"

2355 WRCK 107.3 NY Utica, Power Hits Rock 107

18 TrS

2310 WWMJ 104.7 MD Hagerstown, Muzak on top

on WFSI 107.9 MD Annapolis, phasing o-WEBE

WIOV 105.1 PA Ephrata, phasing o-WNSR

WIMX 99.3 PA Harrisburg, ID, rare

19 TrS

0123 WCEI 96.7 MD Easton, ID

20 TrS & GW

1230 WMJQ 102.5 NY Buffalo, In car in Rockaway

1353 WDNH 95.3 PA Honesdals, in car in Chatham

This station seems to get out better than it used to

1503 WRCH 100.5 CT New Britain, in car Mile 86

DEC. 12 Tr: Philly and NYC at near local quality!

2239 WIBF 103.9 PA Jenkintown, Spanish

Mono, easy ID! 175

2240 WKSZ 100.3 PA Media, Kiss, 100 have

not heard since living 40mi from WRCH 190

2249 WEAZ 101.1 PA Philadelphia, o/WCBS185

2318 WIOQ 102.1 PA Philadelphia, full quieting

over semi-Local Spr. Mass WAQY ONLY by

phasing out WAQY with rabbit ears!

2330 W? 91.7 phased out semi local Storms,

CT. Which Philly at this time?

2340 WLEV 96.1 PA Easton, on rab. ears only

2342 WQSR 105.7 MD Catonsville 270

25 TrS

1910 WLAN 96.9 PA Lancaster 210

28 GW

1900 WDAQ 98.3 CT Danbury, bout time! 50

JANUARY 1992 DX1 GW

1600 WRSI 95.3 MA Greenfield 55

1605 WHAI 98.3 MA Greenfield 55

3 MS

0711 WHTK 99.7 SC Port Royal, 10 sec.

Are they always IDing (seems that way!-gc)

1730 WSHH 99.7 PA Pittsburgh, 2 sec. 375

11 TrS LOCAL WRKI off the air!

1015 WZZO 95.1 PA Bethlehem, called to

verify! 150

NOV 20 TrS-GW cont

1511 WAEB 104.1 PA Allentown, In car at Mile 77

in Toms River, strong and on top

1538 WRQX 107.3 DC Washington, In car at Mile 55

in Little Egg Harbor

1541 WRKZ 106.7 PA Hershey, In car at Mile 52 in

Bass River

1553 WCMS 100.5 VA Norfolk, In car at Mile 40 nr.

Atlantic City. Most Balt-Wash in, some Norfolk

23 TrS

1449 WXXH 99.7 PA Mt. Carmel, local football

DECEMBER 1991 DX9 TrS

1032 WBUF 92.9 NY Buffalo, "Mix 92.9" (Rich,

your uNID was very likely my local-gc)

1142 WMHR 102.9 NY Syracuse, 91.3 also in

RICH'S DX CONTINUES ON THE NEXT PAGE!!!



## RICH SHAFTAN'S REPORT CONTINUED

## DECEMBER 1991 DX

12 Tr  
1802 **WTHH** 96.1 NJ Margate City, Best of the 60s  
70s, and 80s, **WTHH**, The Touch  
1830 **WDNO** 95.3 DE Laurel, ID  
1832 **WOCO** 103.9 MD Ocean City, ID, disco  
1849 **WKSR** 102.7 NJ Petersburg, Sports talk phased  
thru **WNEW-FM**. Listened in Atlantic City  
1900 **WDIH** 90.3 MD Salisbury, Gospel, ID  
13 Tr  
0000-0030 Trop to Boston, Rhode Island coast.  
14 MS  
1001 **WWIS** 99.7 WI Black River Falls, ID  
2039 **KRVR** 106.5 IA Davenport, "Continuous  
soft hits, 106.5 **KRVR**"  
2308 **CIRO** 99.7 PQ Ste. Georges de Beauce, FF  
on MS, again with French country music  
20 TrS (on trip to Florida)  
1550 92.9/98.5 **WMGS/WKRZ** in Dover, DE  
1751 **WINC** 92.5 VA Winchester, in Salisbury, MD  
(other loggings appear in Southern FM DX)



## JANUARY 1992 DX

4 MS  
0050 **WMC** 99.7 TN Memphis, FM 100  
5th and 6th Es to Nova Scotia, not into FM  
19 TrS  
1926 **WBWW** 106.5 CT Ledyard, "New Mix 106.5"  
20 TrS  
1957 **WEZG** 100.9 NY N. Syracuse, Lite 101 FM  
2010 **WRNX** 100.9 MA Amherst, ad for blues mx  
2321 **WKLL** 94.9 NY Frankfurt, "Classic Rock 94.9  
**WKLL**", Mt. Washington also in/out  
23 TrS  
1140 **CFMX** 103.1 ON Cobourg, promo for store in  
Belleville and ment. Toronto Symphony Orchestra  
25 TrS  
1945 **WZKZ** 106.1 NY Corning, "Today's Best  
Music Mix, KZ106", **WBLI/WEGX** phased  
**FEBRUARY 1992 DX**  
2 TrS  
2053 **WPXC** 106.9 NY Auburn, "Country 106.9"  
News Leader in Cent. NY, **WKDN** phased  
3 TrS  
0112 **WHYT** 96.3 MI Detroit, "Magic 96.3 FM" (?)  
High will be 44 in the Motor City at 96.3 FM". In for  
a few minutes. Others coming in include a lame and  
**CFMK**, which is now IDing as part of the Star Country  
Network. A warm front was about to pass through the  
Detroit area. Check of the Weather Channel had 44 as  
projected high for the day. Michigan is the first state  
I have received on E-skip and trop. Lots of MS all nite

Sorry I have been out of touch but between August and November my business (political media and consulting) keeps me going 24 hours a day. Shortly after the elections, Bill N. modified my JVC receiver, Kenwood and GE Superadio II with 110 filters. The results are far better than even the 150s. Now I can listen to **WQSR** Catonsville MD or **WMRV** Endicott NY (both 105.7) in my car in my front yard, just 2 miles from **WDHA** Dover NJ 105.5. In January, threw 110s in the **XYL**'s Realistic and it outperforms the JVC. Before the 110s, this receiver was useless because the 200 khz steps made adjacents impossible to receive. The 110s make it possible to DX on this kind of setup. In fact, I don't even use the optional 50 khz spacing on the Kenwood because there is no signal left 50 khz away.....Bill N. sold me a phase "titer" he built for the cost of parts and it makes phasing much easier. Frankly, it seems to work almost as well, although not as simply, as the phase "shifter" sold by Andy Bolin that Bill has, when I couple it in a circuit with a variable attenuator on each of the feed lines. The FM antenna is then run through the phase titer and meets up with the main feed line in a low loss coupler, that line runs into one of those Radio Shack 0-10-20 amps (set on no gain, since there are too many images when the amp is turned on). On the 300 ohm side in the "Variable Interference Eliminator" that is tuned for the best null. (Sounds interesting, I should try this-gc) I can knock down the NYC stations enough to get some decent trop thru them, and can eliminate Philly stations and those further. In addition I can put a signal "in phase" and boost it by about a db or two. That is how Detroit came in. My antenna installer told me that there used to be a company that sold phasers for the purpose of eliminating Channel 3 interference to Channel 2 and the like, but they went out of business because of low demand. Maybe someone can find one of these things. Do you have a fax number for reports? (No, sorry-gc)

**STATION NEWS:** As a result of **WRQN** 93.5's switch from top 40 to oldies, **WVKS** 92.5 Toledo is going farther in the top 40 direction to compensate. Macon, Georgia has another top 40 station: **WNEX**, "107X". In Texas, 101.7 Huntsville is now **KSAM**, and "Thunder Country", country music obviously. **WKZL** 107.5 Winston-Salem, North Carolina retains those calls but it going more in an adult 40 direction and a new slogan, "The Eagle". Thanks Matt Sittel. In suburban Minneapolis, **KXLV** 105.5 takes on the old 99.5 calls: **WLOL**. Also in the Twin Cities, 93.7 has become **KRXX** "93X" and a harder album rock format. **KJZY** 99.1 Denton-Dallas switches to "Z-Rock" satellite format....In the Memphis area 94.3 Germantown has switched to **WFGI**, "Oldies 94". Out in Portland, Oregon, **KMXI** 106.7 has gone to an oldies format and an appropriate slogan: "Oldies 106.7". **WGRT** 102.3 Port Huron, Michigan is on the air with **SMN** adult contemporary. **KATG** 94.7 Luling, TX stays country, but is now local and reportedly more upbeat. 105.3 in Dallas is upbeat country music now, calls are due to change soon. There has been a request for frequencies swap in Kitchener, Ontario, that would send **CHYM-AM** to 96.7 and **CKGL-FM** to 570. No approval as of yet. New station on the air: **WISP** 98.7 serves the Sarasota area, with soft a/c "Wisp 98.7". Same area: **WEEJ** 100.1 is now adult alternative jazz format. Nashville gets a beautiful music station is **WQZQ**, "Cozy 102" and is also considering a translator. **WCOA** 96.5 Fredonia, NY is reported to be going satellite country in March sometime. At least temporarily, **WDJX** 99.7 & **WZKS** 103.9 are simulcasting because of a LMA.

DEBRUCE HALL - 5 STIRTON AVE. - BRANTFORD, ONTARIO CANADA N3T 1E2

Equipment: JVC JRS 201 Receiver (mod w/3 150 filters) Magnum Dynalab 205 slueht, Probe 9 fed with RG6 at 50 feet above ground level. Crown rotor. Distances are in kilometres

## DECEMBER 1991 DX

22 TrS  
2200 WFCB 94.3 OH Chillicothe, r, FCB-94  
Chillicothe, Amos Bros. music, former ms 483

## JANUARY 1992 DX

4 MS-TrS  
0603 WXYV 102.7 MD Baltimore, s, V-103

after ad from K-Mart, Vanessa Williams 529

0801 WESA 98.3 PA Charlevoix, r, Class FM  
This is 98.3 WESA, news followed 344

0829 WSNY 94.7 OH Columbus, ro, Sunny 95  
time check, music by Bob Seger 433

0843 WKBI 94.3 PA St. Marys, r, The Rocket  
"Welcome aboard the Rocket" 258

7 MS  
0805 CITE 107.5 PQ Quebec, b, calls in FF 819

8 Tr  
0750 WWWW 105.5 OH Sylvania, r, 3WM  
"your oldies are great and more", time check 313

9 TrS  
0752 WKYS 93.9 DC Washington, rs, "93.9  
WKYS Kiss", Top 30 USA follows 552

1018 WACZ 93.9 NY Dansville, rt, wx, then  
"Lite 94", a possible new non ID 195

**KVOD  
106.5**

## JANUARY 12 TrS

0843 CFMO 93.9 ON Ottawa, m, FM 94 after ad  
calls sung out "CFMO FM 94", Elvis mx 447

1000 WRDL 88.9 OH Ashland, pr, 89 Rock  
after Easter Seals PSA, "From the heart of it all,  
in the Midwest, your dial position is 88.9 FM" 304

1001 WEKU 88.9 KY Richmond, cj, "a service  
of your friends here at WEKU & WEKH" 679

15 Tr  
0800 WEKH 90.9 KY Hazard, cj, // 88.9 WEKU  
legal ID for both, NPR w/Bob Edwards 704

16 TrS  
0756 WTUE 104.7 OH Dayton, pr, W-2 FM 515

0903 (WORD) 104.7 PA Pittsburgh, g\$, ex WEZE  
WYDD, & WPGH, calls, new format 309

1031 WWMD 104.7 MD Hagerstown, b after  
instrumental mx, weather forecast 446

17 TrS  
0756 WHPA 104.9 PA Hollidaysburg, mr, FM  
104.9, Accu Weather 345

18 TrS  
0743 WZLE 104.9 OH Lorain, g, Victory 105 253

0800 WDON 104.9 OH Geneva, ro, "Heard It  
Thorough the Grapevine", new format 161

21 TrS  
1000 CFBG 100.9 ON Bracebridge, rm,  
Muskoka FM 101, "Serving Muskoka, Bala, Graven-  
hurst & Bracebridge", news follows 230

The DX blabs have returned for another season, all kinds of relays and mostly static, spring tropes and BlueJay baseball seem so far away. Let's hope for some freaky weather conditions to heat up the band. 73, dB

SAUL CHERNOS - P.O. BOX 801 - PETERBUROUGH, ONTARIO K9J 7A2 (705) 741-4557

From Peterborough, my new home base:

## NOVEMBER 10, 1991 GW

1310 Pirate 99.1 ON Peterborough

## DECEMBER 28, 1991 Tr

1800 CITE1 102.7 PQ Sherbrooke, French

1830 WRKT 100.9 PA North East

**c8k8l1n**  
250 B19  
Watts

## JANUARY 1992 DX

6 Es

2235 CBAF 88.5 NB Moncton, FF, CBC jazz

2245 CKIX 99.1 NF St. John's, k

2251 CHOZ 94.7 NF St. John's, Oz FM, r

2258 CBAF 88.5 NB Moncton, FF sports

From Burnt River, 50 minutes to the northwest

## NOVEMBER 10, 1991 Tr

1227 WXTA 97.9 PA Edinboro, k

From Orillia, So long, it's been good to know ya:

## OCTOBER 19, 1991

2235 CJMJ 100.3 ON Ottawa, rm, "Magic"

**Comments:** I'm working in Peterborough and have therefore moved. Please note my new address and telephone number. I'm a bit close to Burnt River, but in the opposite direction. It's a lot less snowy here: i.e. we got 20cm of snow in the second week of January, while Orillia recorded 100cm. It collapsed the library roof there and made it pretty well impossible to see the street from the sidewalk. I never encountered anything like that when I was there, but man am I glad to be out. I discovered the pirate when I came here to find a place to live. I have one car radio button affixed to 99.1 because of CKO's absence and just happen to flip it on as I entered town for the first time, hearing two versions of Tower of Song by Leonard Cohen; one by the poet himself. An omen of things to come? It's on a lot, but it's all music - a real variety - and talk is rare and IDs non-existent. I hear it's run by someone who was given the boot from CFFF 96.3, a.k.a. Trent Radio. It runs from a downtown Peterborough building, and I estimate it's 10 to 50 watts, depending on the quality of the set-up. No stereo. I get 'em near perfect. I'm trying to determine if one of them had anything to do with Pirate 90, which ran at 89.9 from Toronto Island a few years back. If it's on this summer, could be a neat Es target. The January 6 Es was a surprise. I was driving from Toronto and heard French on 88.5 when I turned the radio on just outside of here. Got a NF time check (1 1/2 hours ahead) on 94.7. Wish I'd turned on the car radio in Toronto earlier on. I guess I assumed conditions would be dead Jan. 6 at 10p.m. WXTA was really wanted for my Burnt River log; caught it while driving near there.



DAN OETTING - 22 CARRIAGE LANE - EXTON, PENNSYLVANIA 19341

Equipment: Harmin Kardon Citation 23, Yamaha T70, Archer 20db booster, bunny ears

AUGUST 1991 DX

1 Tr

0100 WFRS 88.9 NY Smithtown, ID, g

3 Tr

0800 WCVE 88.9 VA Richmond, ID, wxOCTOBER 1991 DX

6 GW from Long Pond, PA

1200 WEMR 107.7 PA Tunkhannock, rp

21 TrS

1203 WMCX 88.9 NJ West Long Branch, nx

24 TrS

0740 WRTY 91.1 PA Jackson Township  
jazz parallel to WRTI 90.10758 WAAF 107.3 MA Worcester0800(WQMR) 107.1 MD Fredericksburg  
new calls, Power 107NOVEMBER 1991 DX

8 Au

1340-1400+ Strong Aurora hash all over  
the FM band. A index 99.14th-22nd: WYCL 107.5 off for good. WBSL  
and WKRE and lots of unID meteor scatter.22 GW(WBYN) 107.5 PA Boyertown, new  
call letters, gJANUARY 1992 DX

11 GW

1715 WBYO 88.9 PA Sellersville, ro //  
WRDV 89.3. Talked to DJ of WRDV and he  
said they will be simulcast (WRDV being  
the parent station) until WBYO has some  
of the their own programming coming  
soon. He says power is 100 watts. Sign  
in mono. Quite strong for the distance.

13 GW from Slaughter Beach, Delaware

1300 WDNO 95.3 DE Laurel, rm,  
Maverick 95 (Dan, note the calls-gc)20 GW2200 WBMR 91.7 PA Telford, g, ID*Just asking*

Suffolk News

Is anyone at Q-102 (formerly Majic 102, formerly Rock 102, et al.) bothering to listen to calls from the station's listener suggestion hot line? One begged for no more songs from the "Dirty Dancing" soundtrack; "I've Had the Time of My Life" aired 20 minutes later. And here's a question for Mix 92.9's feedback phone: How come we heard Billy Joel's "Keeping the Faith" five times in six days? "Being 11th in the market, it's kind of the anthem for our radio station," says Program Director Kevin Robinson.

Okay, so when did super lower power repeating tape stations be allowed to broadcast on the FM band? I thought that kind of stuff was restricted to 530,1610, or 1620 khz AM (I thought so too-gc). Starting in late October last year, numerous non-IDing low power signals have been popping up all over the educational band on FM. The first one I noticed was a continuous loop tape (about a minute long) saying "Welcome to Cambridge Chase, welcome to your new home!" The announcer proceeded to describe the homes and mention the builder and realtor. It repeats itself over and over, 24 hours a day and has a signal that gets out about 2 miles! This station popped upon 88.9 and originates here in Exton. A few weeks later I was on the same frequency describing another new building complex of homes. Once again the signal travelled about 2 miles. The same announcer has been heard on 2 new recently received low power transmitters-One for Pizzeria Uno in King of Prussia, PA on 91.9-"Radio Uno"-(describing delicacies at the restaurant and saying mention the radio station for a discount) The other, another new home complex "Whitford Station" on 88.1 in Exton. A different announcer has popped out on 88.9 with his own repeating ales pitch tape on "Winner Ford Radio" battling with the other Exton low power station, and now the newly liscenced WBYO-88.9. Has anybody else been encountering these low power advertising pests? Anyway, very little DX to report since August, not even winter E! Waiting for some marvelous spring tropol Byel

GREG CONIGLIO - 5100 GLENWOOD DRIVE - WILLIAMSVILLE, NEW YORK 14221

Equipment: see previous VUDs, no change

JANUARY 1991 DX

17 TrS

2320 WKMZ 97.5 WV Parkersburg, calls, ad 296

29 Tr

1936 WHOK 95.5 OH Lancaster, k\$, strong 3041939 WHKO 99.1 OH Dayton, k\$, strong 365FEBRUARY 1992 DX

1 Au

1800 WFGM 97.9 WV Fairmont, calls 254FEBRUARY 1992 DX

3 Tr

2000 CITE1 102.7 PQ Sherbrooke, FF ad 3752013 WCAN 93.3 NY Canajoharie, c\$  
with WWSE Jamestown phased 2072100 WKGG 102.7 NY Cape Vincent, new on  
the air, "Lite Rock 103", ID with Kingston, they  
are // WTOJ 103.1, Syracuse U. BKB game 142

Not much DX going on. I am not 100% sure on the date of the WFGM logging, it was sometime early in the month I know. See you in a month!

# :SOUTHERN FM DX:

Danny Buntin  
1312 N. Skyline  
Stillwater, OK 74075

MARCH 1992

DEADLINE: 14th

SOUTHERN FM DX is for reporters from: AL, AR, AZ, CA, CO, DC, DE, FL, GA, HI, KS, KY, LA, MD, MO, MS, NC, NM, NV, OK, SC, TN, TX, UT, VA & WV.

## EL NINO WEATHER EFFECT HAVING LITTLE INFLUENCE ON THE TROP.

Eric Sundius, P. O. Box 513, San Miguel, CA 93451

Equip.: Marantz SR 440 receiver, Pioneer TX 9500 tuner(both IF modified), 6 element Jerrold FM antenna, preamp, RG6 coax.

1/4 Es	1/4 Es
1020 KTTS 94.7 MO Springfield, calls, k	1109 KDCK 95.5 KS Dodge City, "K-95,lcl ads
1042 KTHK 94.1 OK Okmulgee, "The Hawk"	1113 unID 93.5 ? "Y-93", k
1052 KWEN 95.5 OK Tulsa, Tulsa wx, ref.	

I called Jim Pizzi in nearby Paso Robles and he was able to hear the Missouri station on his DX 440 portable with the built-in whip! John Jefferson also got in on the opening from his house 200 miles north of me. 73's.

Doug Smith, 14 Brookside Court, Nashville, TN 37209-4503

Equip.: Technics ST-G50, 3-el. quad at 4 feet.

Nashville, TN DX:

1/6 tr

2127 WMBW	88.9	TN Chattanooga, end of REL program & legal ID.	115
2131 WYYB	93.7	TN Dickson, new local testing. Rather weak..	29
2143 WIKQ	94.9	TN Greeneville, oldies & call ID.	225
2144 WFOX	97.1	GA Gainesville, oldies & "Fox 97"	213
2200 KJBR	101.9	AR Jonesboro, "This is KJBR-FM, Power 102"	215
2321 WDJC	93.7	AL Birmingham, call IDs & promo	181
2326 WKHX	101.5	GA Marietta, "Kicks 101.5"	200

1/29 tr

2330 KCLR	94.5	MO Poplar Bluff, ".on K-94 KCLR"	205
2334 KGMQ	100.7	MO Cape Girardeau, Cape Girardeau weather	172
2342 WCIL	101.5	IL Carbondale, "RockinRadio CIL-FM"	173

1/30 tr

0005 WBLG	107.1	KY Smiths Grove, local ads & "The 50,000 watt Gator G-107".	
		New power increase is on.	69
0654 WAPI	94.5	AL Birmingham, ad for business on I-459	183
0702 WKKQ	101.5	IN Seymour, local ad & call ID	199

Local "Q-102" (WYQC-102.9, WQZQ-102.5, and WCTZ-1550) appear to have added a second translator, apparently in downtown Nashville, and on either 102.3 or 102.1MHz. Haven't been able to hear it yet on a digital radio.

John Jefferson, 4104 Spyglass Court, Antioch, CA 94509-6051

It's been a while since I've written: thought I'd reported through the end of the skip, but not so. It wasn't a great season & I missed what must have been one of the major events on 6/10 due to a business trip. As always, new are underlined: dashed underline means new mode; @ indicates new to Antioch. # means heard on Blaupunkt going to or from work (in Antioch).

TIME	CALLS	FREQ	ST	CITY	DIST	REMARKS
6/19/91	ES					
2029	CKUA13	91.3	AB	Drumheller	1055 //	94.9 w/ c
	CKUA	94.9	"	Edmonton	1155 //	91.3; phone verie
2033	CKYX	97.9	AB	Ft. McMurray	1380	Lcl:kicks 98
2052	KHHT@	97.1	ND	Minot	1240	Lcl:K-Hit 97
2056	CBU	105.7	BC	Vancouver	805	c: phone verie
2059	CHFA2@	103.5	AB	Red Deer	1080	CHFA ID
	CHFA@	101.5	"	Ft. McMurray	" //	103.5
2105	CBXN	99.3	"	"		c: phone verie
6/30/91	ES					
1443	KKOB	93.3	NM	Albuquerque	875	KOB
1500	KATX	97.3	TX	Plainview	1150	Calls
1516	KCLV	99.1	NM	Clovis	1060	"
1600	KENW	89.5	"	Portales	1050	Local

CONT...



## SOUTHERN FM DX

## Jefferson, cont.

7/1/91	ES			8/3/91	TR		
0928 KZNA	90.5	KS	Hill City	0158 KPEVQ	104.7	CA	Garberville
1154 KELI	98.7	TX	San Angelo	8/27/91	ES		
1158 KACU	89.7	"	Abilene	0833 KATG?	94.7	TX	Luling
7/6/91	TR			0845 KKKKQ	99.1	"	Odeasa
1000 KMAK	100.3	CA	Orange Cove	8/12/91	MS		
7/15/91	TR			0833 KHHH	94.7	CO	Boulder
0201 K205BT	88.9	CA	Laytonville		ES		
7/19/91	SL			1859 K216BJ	91.1	NM	Roswell
2053 KFNQ	90.3	CA	Fresno	1906 KODM	97.9	TX	Odeasa
7/26/91	ES			1910 KMTB	98.7	NM	Mallamar
0847 KPMX	94.5	TX	Lubbock	1917 KVRP	95.5	TX	Haskell
0850 KLYT	88.3	NM	Albuquerque	1923 KTXIG	88.1	"	Lubbock
0901 KMLL	98.7	TX	Amarillo	1924 KENW	89.5	NM	Portales
0910 K202BG	88.3	CO	Pagosa Sprin	1956 KRUX	91.5	"	Las Cruces
0930 KANZ	91.1	KS	Garden City	1958 KHHQ	100.7	CH	Ciudad Juarez
0948 KWBI	91.1	CO	Morrison	2011 KEBB	93.9	TX	El Paso
1003 KGNU	88.5	"	Boulder	8/16/91	ES		
1005 KJNE	88.7	NE	Lexington	1759 XHCDO#	89.3	SN	Ciudad Obregon
1014 KXNP	103.5	"	North Platte	1800-XHFL?#	90.5	"	"
1017 KELN@	97.1	"	"	1820 XHMSL?	101.3	"	Los Mochis
1021 KJNE	91.1	"	Alliance		TR		
1025 KJNE	90.3	NE	Bassett	2159 KXEZ	98.7	CA	Los Angeles
1045 KESD	91.1	SD	Reliance	8/20/91	TR		
1049 KHEW	89.3	"	Rapid City	1656 KOPE	103.5	OR	Medford
7/28/91	ES			8/21/91	ES		
0700 KREC	93.3	CO	Lamar	1835 KNFM	92.3	TX	Midland
0705 KANZ	91.1	KS	Garden City	9/7/91	TR		
0743 KXNM	94.7	NM	Truth or Con.	2153 KEWB	94.7	CA	Anderson
0823 KAMA	94.7	TX	El Paso	9/20/91	GW		
0943 KHHH	"	CO	Boulder	1311 KHRA	103.9	CA	Mariposa
1106 KESD	88.3	SD	Brookings	9/28/91	MS		
8/2/91	ES			0145 KBUY	94.1	TX	Amarillo
2003 XHMT?	99.5	SI	Mazatlan	10/29/91	SL		
				1030 KLUE	106.3	CA	Soledad
10/20/91	TR						CONT...
2002 KXIQ	94.1	OR	Bend		425 ID: KPFA off		
11/8/91	AU				ID		
1700 KOPE	103.5	OR	Medford				
11/29/91	ES				1365 ID		
1559 KOSU	91.7	OK	Stillwater				
1607 KTFX	103.3	OK	Tulsa		1420 Lcl:K-Fox 103		
					KBEE off		
1613 KCMA?	91.3	OK	Broken Arrow		c o/2 locals		
1623 KEBQ	94.7	"	OKC		1355 Calls		
1639 KGMJ?	99.5	"	Henryetta		The Storm		
1/4/92	ES						
1051 KYNZ	106.7	OK	Lone Grove		1410 Calls		
1108 KMLL	98.7	TX	Amarillo		"		
1117 KLUV	98.7	TX	Dallas		1425 K-Love		

First-ever auroral scatter here 11/8 produced one ID & garbage on 97.9 & 98.7. The KOPE signal was plainly not tropo, as the direction was NE to ENE (not N) & there was a lot of distortion. Signal level was about 1 1/2 on a scale of 12, versus less than 1/2 for the tropo logging 8/20. Confirmed with Doug Allen in CO that AU was happening.

It was especially painful to have XHMSL get away. KSTT Los Ocas, CA remains my most distant logging on 101.3 at 180 miles! Only other frequency in such a pitiful state is 104.5, with counter KIQO Atascadero as the most distant, and there KHIT Reno is at least out-of-state, though a mere 135 miles away.

Greatly appreciated were KXIQ during the big Oakland fire-storm and KTFX during high winds which knocked out strong KBEE. KTFX was barely there, so the outage was mandatory. KYNZ a big surprise so high on the band, with easily-readable signal for 2-3 minutes.

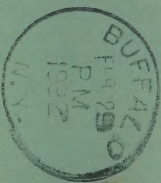


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